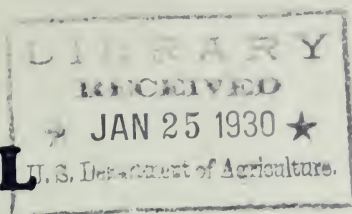


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# 62nd ANNUAL SEED MANUAL 1930



**Martin C. Ribsam & Sons Co.**

**143-5-7 East Front St.**

*between Broad and Montgomery Sts.*

**TRENTON, N. J.**

**Vegetable Seed Trials**

**D. N. Shoemaker**

**JAN 23 1930**



# RIBSAM'S OFFERS ITS 62nd SEED MANUAL

in the confident hope that it will be even more helpful than any of its predecessors. That Quality, Dependability and Satisfactory Service which have made Ribsam's an outstanding establishment in the past will be continued. The fourth year in our great store—said by travelers to be the finest of its sort in America has been our most successful, by far. Its huge size has permitted greater variety; greatly increased facilities, and because everything is now under one roof, customers find dealing with Ribsam's more enjoyable than ever.

We would be remiss in courtesy if we did not express our gratitude for the response to our efforts to provide greater accommodation for buyers, and we acknowledge that response most heartily. We shall endeavor to merit its continuance.

## THIS IS OUR SEED DEPARTMENT



In it, at all times, are the most reliable seeds we can procure. We buy only from sources of known dependability, and then make your buying doubly satisfactory on our Germination by testing all seeds in our greenhouse. WE KNOW what we sell, as far as it is possible to find out.

## NOTICE

Our Aim is to Sell the Best Seeds Obtainable. We give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we sell and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned and money refunded. NOT TESTED SEED. So marked to comply with chapter 228, Laws N. J. 1916.

## REGARDING POSTAGE OF VEGETABLE SEEDS

When ordering seeds sent by mail within 150 miles, add 7c for the first pound, and 1c for each additional pound. A quart of seed weight about two pounds.

In making payment by mail, send checks or postal orders for amounts over ONE DOLLAR. Less than a dollar may be sent in specie at our risk.

For Best Results and Most Profit—ORDER EARLY!

# Martin C. Ribsam & Sons Co.

143-5-7 EAST FRONT STREET

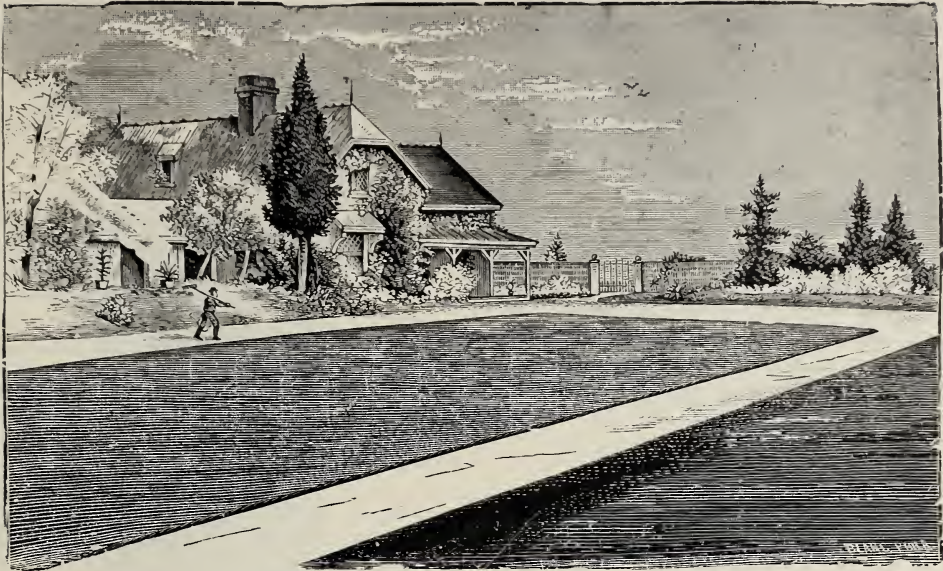
TRENTON, N. J.

Phone 2-6111

Implement Department Phone 4534



# Ribsam's Lawn Grass Seeds



The preparation for laying down lawns is too often hastily and imperfectly made. The first point is to get the ground shaped to the desired grade, taking care in grading that when the hills are removed sufficient subsoil is also removed, to be replaced with top soil, so that at least six inches of good soil will overlay the whole in all places. When the grading is finished, drains should be laid wherever necessary; then the whole should be thoroughly plowed, a subsoiler following in the wake of the common plow, until it is completely pulverized. A heavy harrow should then be applied, until the surface is thoroughly fined down. All stones, roots, etc., should be removed, so that a

smooth surface may be obtained. The lawn is now ready to be sown. When the seed is sown, a light harrow should again be applied, and after a thorough rolling given, so that the surface is made as smooth as possible. In the latitude of New Jersey the seed may be sown at any time during the months of April and May, and will form a good lawn by August if the preparation has been good. If sown in hot months of June or July, a sprinkling of oats should be sown at the same time, so that the shade given by the oats will protect the young grass from the sun. For small plots, of course, digging, trenching and raking must be done instead of plowing, subsoiling or harrowing. August and September are also good months to sow grass seed.



## QUANTITY OF LAWN GRASS SEED TO SOW

One pound is sufficient to sow 200 square feet, 10x20 ft., seventy-five to one hundred pounds per acre are required for a rapid sward.

**RIBSAM'S CHOICE LAWN GRASS SEED**—This is composed of choice selected grasses, of neat compact growth, and will produce fine sward. 50c. per lb. (which measures somewhat near a quart); 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs., \$7.50 (about 1 bushel); 100 lbs., \$32.50.

**RIBSAM'S VELVET GREEN LAWN GRASS SEED**—This mixture is composed of fine blade grasses (white clover and coarser grass seed omitted in mixture) which gives the lawn a pretty velvety appearance. 60c. per lb.; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs. (about 1 bushel), \$9.00; 100 lbs., \$42.50.

**RIBSAM'S SHADY NOOK LAWN GRASS SEED**—A special Grass Seed mixture for shady spots or under trees where very little sun gets to the grass. 60c. per lb.; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs., \$9.00; 100 lbs., \$42.50.

**GRASS SEED** in separate kinds for Lawn, Pasture and Hay, see pages 30 and 31.

**TERRACE SOD GRASS SEED**—A special blended grass with deep roots, which will insure a beautiful slope. 60c. per lb.; 5 lbs. \$2.75; 10 lbs. \$5.00; 20 lbs. \$9.00.

## Ribsam's Lawn Fertilizer

It is far superior to lump, straw manure, which disfigures the lawn with filthy materials, and is less expensive than manure; It contains no weed seeds found always in manure, and which are the pests of the lawn. This is so prepared that it acts gradually through the season, producing a luxuriant growth of **rich green** or grass color. It may be applied at any time during the Spring or early Autumn, or as often as the grass seems to need nourishment. One pound to ten square feet, or 1,000 pounds to an acre. Per bag of 10 lbs., 50c.; per 25 lbs., \$1.00; per 100 lbs., \$3.75; per ton, \$65.00.

**SHEEP MANURE**—5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., \$1.00; 100 lbs., \$3.25; ton, \$52.50.

**BONE, PURE, GROUND**—5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., \$1.00; 100 lbs., \$3.50; ton, \$60.00.

**LIMOID HYDRATED (for Lawn and Vegetable Garden)**—Prices, 10-lb. bags, 25c.; 25-lb., 50c.; 50 lbs., 75c.; 100 lbs., \$1.25; ton, \$18.00.

**VIGORO (Stimulation for Backward Lawns)**—5 lbs., 50c.; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

# Standard Varieties of Tested Vegetable Seeds

## Seeds tested in our own Greenhouses

FOR THE GARDEN AND THE FARM

*With Directions for Cultivation*

**WE OFFER** no Novelties, as a large percent of those that are offered on the market are worthless. Some few are good old sorts re-named by dashy catalogue writers. We offer only good, tried varieties that are profitable to the Gardener, Trucker and Farmer, excellent in quality and profitable producers.

When ordering seed for Parcel Post delivery add 7 cents for first pound and 1 cent for each pound thereafter for distances less than 150 miles.

**Treat all vegetable and flower seeds with Semesan before planting**

### ARTICHOKE

One ounce of Artichoke will sow 100 feet of drill and produce about 500 plants.

Sow in April, in rich soil, and transplant the following Spring to permanent beds, in rows or hills three feet apart and two feet between the plants. The plantation the first season will only give a partial crop, but it is a perennial after being once planted the beds will remain in bearing for years. It should be protected in Winter by a covering of leaves or coarse manure.

**LARGE GREEN GLOBE, PARIS**—Best for general culture. 10c. per pkt; 40c. per oz.; \$1.25 per  $\frac{1}{4}$  lb.; \$4.00 per lb.

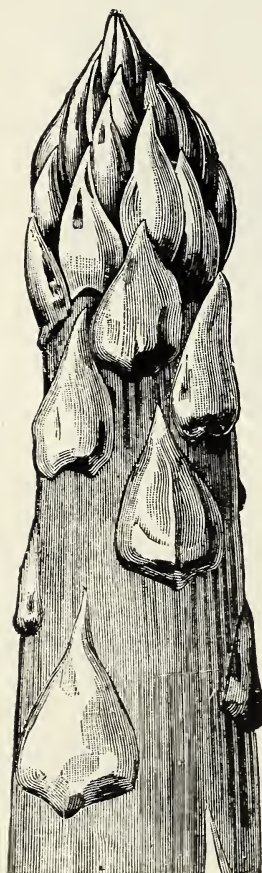
## ASPARAGUS

GERMAN SPARGEL, ITALIAN SPARAGIO,

POLISH SZPARAGI

One ounce of seed will produce 200 roots and sow about 50 feet of drills. One hundred roots will set a bed 12x30 feet, which will be large enough for ordinary family. For field culture, plant in rows 5 to 6 feet by  $1\frac{1}{2}$  feet apart in the row, according to soils.

Sow early in Spring, as soon as the ground will admit of working, in rows 3 feet apart. Keep carefully hoed and clear from weeds and the plants will be in condition to set out the succeeding Spring. The soil for the permanent beds should be thoroughly manured, and trenched to a depth of at least two feet. Plant in rows 5 to 6 feet apart, and one and a half feet between the plants in the rows. Spread the roots well out, and let the crown of the plant be covered about six or eight inches when established.



Mary Washington

**MARY WASHINGTON**—The highest type of the rust-resistant Asparagus. It is earlier, larger and longer than the original Washington and quite as resistant. Tips are very tight and do not sprangle out or blow prematurely. 10c. per pkt.; 20c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.



**GIANT ARGENTEUIL, OR FRENCH**—Most popular variety on account of its large, thick stalks. Very tender and excellent flavor; 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**PALMETTO**—This variety much earlier than Conover's Colossal, a good yielder, and is more even and regular in growth. Quality as good as Conover's Colossal. 10c. per oz.; 10c. per  $\frac{1}{4}$  lb.; 65c. per lb.

### ASPARAGUS ROOTS



Asparagus Root—Two Years Old

**MARY WASHINGTON**—Two year old roots. \$1.50 per 100; \$8.50 per 1000.

**GIANT ARGENTEUIL**—Two-year-old roots, \$1.50 per 100; \$7.50 per 1000.

**PALMETTO**—Two-year-old, per 100, \$1.50; per 1000, \$7.50.

Ask for prices on quantities of 5000 or more roots.

### BEANS—English or Broad

This class is very hardy, and should be planted as soon as the soils is in good state in the Spring. Plant four inches apart and two inches deep, in drills four feet apart. To insure well-filled pods, pinch off the tops as soon as the lower pods begin to set.

**BROAD WINDSOR**—Best for general use. 15c. per  $\frac{1}{4}$  lb.; 25c. per  $\frac{1}{2}$  lb.; 45c. per lb.

### BEANS—Dwarf or Bush

**GERMAN BOHNEN, ITALIAN FAGIUOLI, POLISH FASCOLA**

Sixty Pounds to a Bushel

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

These prices on Beans are subject to change without notice.

One pound will plant 50 to 60 feet of drill.

Sixty pounds will seed an acre.

A succession of sowings can be made from the first week in May until the middle of August. Plant in drills about two inches deep, and from eighteen inches to three feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted. The plants should be about three inches apart.



Ribsam's Early Green Fill Basket

### Green Pod Varieties

Prices Subject to Market Fluctuation

**RIBSAM'S EARLY FILL BASKET, NEW**—Early, hardy, strong grower. Round, straight pod, 6 inches long. Very productive, almost stringless, of a beautiful green color. 35c. per lb.; 33c. in 10-lb. lots; 30c. per lb. in 100-lb. lots.

**FRENCH DWARF HORTICULTURE.** (Also called Italian Bean)—Large green pods splashed with carmine; about five inches long, short and flat, almost stringless. 30c. per lb.; 50c. per 10-lb. lots; 28c. per 100-lb. lots.

**BOUNTIFUL**—An extra early flat-podded variety, stringless and of fine quality. 35c. per lb.; 33c. per 10-lb. lots; 30c. per 100-lb. lots.

**FULL MEASURE**—Long, round pod, stringless, very prolific. Pods attractive green color; firm and tender. Plants erect, with dark green foliage, also blight proof. 35c. per lb.; 33c. per 10-lb. lots; 30c. per lb., 100-lb. lots.

**EARLY BLACK VALENTINE**—Very popular on account of its extreme hardness and earliness. Pods long, smooth, round and bright green, large yielder. They must be picked quick, as they toughen quickly. 30c. per lb.; 10-lb. lots, 28c. per lb.; 25c. in 100-lb. lots.

**EARLY BURPEE STRINGLESS GREEN POD**—Very fine quality. Early and strong grower. One of the best round pod sorts. A good picking sort. 35c. per lb.; 10-lb. lots, 30c. per lb.; 28c. per lb. in 100-lb. lots.

**THE GIANT PODDED STRINGLESS VALENTINE**—The pods are borne in enormous quantities close to the center of the plant and are not only longer but much thicker and more meaty than any of this stringless type. A desirable commercial variety. 35c. per lb.; 10-lb. lots, 33c. per lb.; 30c. per lb. in 100-lb. lots.

**LATE REFUGEE, 1000 to 1**—Late, very productive, tender and large. Grown for main crop. Round pod. 30c. per lb.; 10-lb. lots, 25c. per lb.; 28c. per lb. in 100-lb. lots.

**LARGE WHITE KIDNEY**—Excellent as a shell bean, green or ripe. 20c. per lb.; 10-lb. lots, 18c. per lb.

**WHITE MARROWFAT**—Extensively grown for sale in the dry state; of average quality as a string bean, but excellent shelled, either green or dry. 25c. per lb.; 10-lb. lots, 20c. per lb.

**WHITE NAVY**—Small round white winter bean. 25c. per lb.; 15-lb. lots, 20c. per lb.



**WAX OR YELLOW-PODDED VARIETIES**

60 Pounds to a Bushel

**Treat Beans with Stimugerm**

**DELICIOUS WAX**—This is a splendid, very productive, round podded Wax Bean, with extremely healthy vines. This Stock was selected very carefully from Stringless Green Pod. It is the same in every respect as the Stringless Green Pod except that the Pod is a Wax instead of a Green Pod. 35c. per lb.; 10 lb. lot, 30c.; 100 lb., 28c.

**UNRIVALED WAX**—Extra early, enormous cropper. Pods  $5\frac{1}{2}$  inches long, somewhat curved, semi-flat, rather slim, but fleshy and tender. Color pale yellow and fibreless. 35c. per lb.; 10-lb. lots, 28c. per lb.; 25c. per lb. in 100-lb. lots.

**SURE CROP WAX**—Early black seed wax. Pods flat, large; stringless, rust-resistant, hardy sort. Very desirable market sort. 35c. per lb.; 10-lb. lots, 30c. per lb.; 28c. per lb. in 100-lb. lots.

**CURRIE'S RUST-PROOF EARLIEST WAX**—Pods long, flat and straight, of a beautiful golden color. Quality not surpassed, and for productiveness, unequalled. 30c. per lb.; 10-lb. lots, 28c. per lb.; 25c. per lb. in 100-lb. lots.

**DAVIS KIDNEY WAX**—A white seeded Wax Bean long oval pods. One of the best for private use. 35c. per lb.; 10-lb. lots, 28c. per lb.

**IMPROVED GOLDEN WAX**—A flat podded sort, but probably the best known of the yellow wax pod varieties, having become everywhere popular because of its long, showy pods, which are nearly twice the length of the old Black-Seeded Wax. 30c. per lb.; 10-lb. lots, 28c. per lb.; 25c. per 100-lb. lots.

**Pencil Pod Wax**

**PENCIL POD WAX**—Pods are long, straight, round like a pencil; fleshy, of a bright yellow color, tender, brittle and absolutely stringless; very productive. 30c. per lb.; 10-lb. lots, 28c. per lb.; 25c. per lb., 100-lb. lots.

**WARDWELL'S RUST-PROOF KIDNEY WAX**—This bean is remarkably free of rust. Pods long, broad and of delicate waxy yellow; entirely stringless. 30c. per lb.; 10-lb. lots, 28c. per lb.; 25c. per lb., in 100 lb. lots.

**ROUND POD KIDNEY WAX or BRITTLE WAX**—A vigorous grower, pods fleshy, stringless and rust-proof. 35c. per lb.; 10-lb. lots, 28c. per lb.; 25c. per lb., 100-lb. lots.

**BEANS—Pole or Running**

Snap Podded

60 Pounds to a Bushel

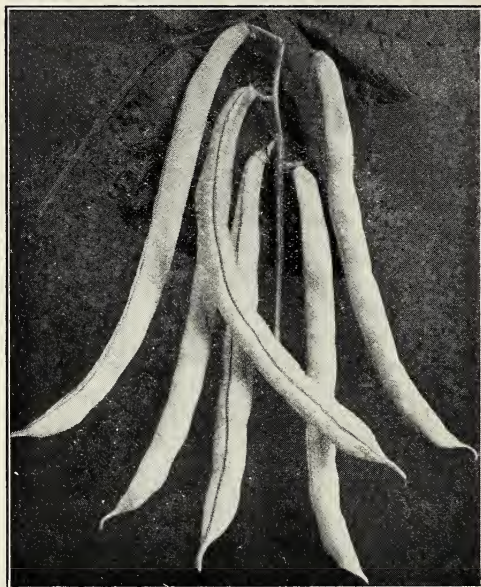
**Treat Beans with Stimugerm**

One pound will plant about 50 hills.

These are more tender and require rather more care in the culture than the bush beans, and should be sown two weeks later than those; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

**HORTICULTURE POLE or CRANBERRY**—Pods five to six inches long, straight, flat, stringless and of good quality—color dark green splashed with bright red. 30c. per lb.; 10-lb. lots, 25c. per lb.

**OLD HOMESTEAD or KENTUCKY WONDER**—Very early and enormously productive, long green pods, hanging in clusters on the poles, are stringless and cook tender. 10c.  $\frac{1}{4}$  lb.; 35c. per lb.

**Kentucky Wonder**

**EARLY GOLDEN CLUSTER POLE WAX**—The Early Golden Cluster begins to bear early in July and continues until frost. The pods are from six to eight inches long, and are borne in clusters of from three to six, and are most freely produced. The pods are of a beautiful golden color, and the flavor is most delicious. This variety can be used either shelled or as a string bean. 10c.  $\frac{1}{4}$  lb.; 35c. per lb.

**DUTCH CASE KNIFE**—A very productive variety, and one of the earliest; sometimes used as "snap," but generally shelled. 10c.  $\frac{1}{4}$  lb.; 35c. per lb.

**LAZY WIFE'S POLE BEAN**—The pod grows from six to eight inches long, entirely stringless and of a rich buttery flavor when cooked. 10c.  $\frac{1}{4}$  lb.; 35c. per lb.

**WHITE CREASEBACK**—Long green pod, snap short; very tender; pods attractive and prolific; grow five to six inches in length. 10c.  $\frac{1}{4}$  lb.; 35c. per lb.

**SCARLET RUNNER**—A great favorite in European gardens both as an ornamental and a useful vegetable. It grows to the height of ten feet, producing dazzling scarlet flowers. 10c.  $\frac{1}{4}$  lb.; 35c. per lb.

**BUSH LIMA**

Prices Subject to Market Fluctuation

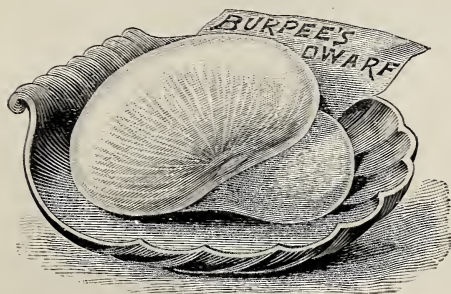
60 Pounds to Bushel

**Treat Beans with Stimugerm**

**FORDHOOK BUSH LIMA**—Best market variety of the bush sort. The beans are thick, of large size, and fine quality. Very prolific. 10c. per  $\frac{1}{4}$  lb.; 35c. per lb.; 10-lb. lots 33c. per lb.; 100-lb. lots, 30c. per lb.

**DREER'S BUSH LIMA**—The best variety of the Bush Lima for home garden. Pods are well filled and quality of bean unexcelled. 10c. per  $\frac{1}{4}$  lb.; 35c. per lb.; 10-lb. lots, 33c. per lb.

**HENDERSON'S BUSH LIMA**—Produces enormous crops of delicious small Lima Beans, which can be as easily gathered as the common garden Bush Bean. It is at least two weeks earlier than any of the climbing Limas. 10c. per  $\frac{1}{4}$  lb.; 30c. per lb.; 10-lb. lots, 25c. per lb.



Improved Burpee's Bush Lima

**IMPROVED BURPEE'S BUSH LIMA**—Larger in size of Pods than Burpee's, green in color, and quality good. Improvement on Burpee bush Lima. 10c. per  $\frac{1}{4}$  lb.; 35c. per lb.; 10-lb. lots, 30c. per lb.; 100-lb. lots, 28c. per lb.

**BEANS—POLE LIMA**

60 Pounds to a Bushel

**GIANT PODDED**—The largest Poded Lima in cultivation. Pods measuring 7 inches long. Dark green in color. Borne in clusters as many as 6 to 8. 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 27c. per lb.

**DREER'S IMPROVED POTATO or CHALLENGER**—Earlier and more prolific than large lima. Bean small and of extra quality, thick. Produces almost all season. 10c. per  $\frac{1}{4}$  lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

**FORD'S GREEN MAMMOTH**—This is undoubtedly the best of all the climbing Limas, the individual beans being of enormous size, containing from five to eight Green Beans to a pod. 10c.  $\frac{1}{4}$  lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

**LEVIATHAN EARLY**—An exceedingly early and an enormous cropper from the start; quality fine. 10c. per  $\frac{1}{4}$  lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

**CARPINTERIA**—A variety that retains its green color at all times, even after drying. It has a very fine flavor, and size is very prolific. It is a good early variety. The seed is broad and thick. 10c.  $\frac{1}{4}$  lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

**KING OF THE GARDEN**—Large in pod, and bean very productive. 10c.  $\frac{1}{4}$  lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

**SIEBERT'S EARLY**—An improvement on the large lima bean the pods being peculiarly thin and flexible so that they are more easily opened and shelled than other beans. When in condition for use they are larger than any other variety and very handsome in shape and color. It is the earliest of the large limas. Vines are hardy and very productive; a trial will be well rewarded. 10c.  $\frac{1}{4}$  lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

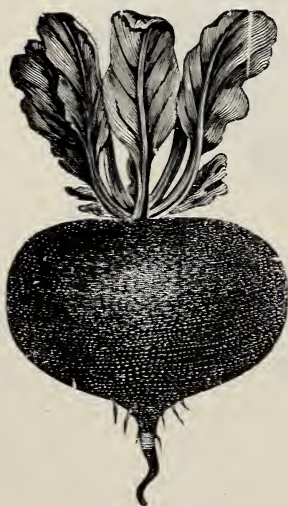


Potato or Challenger

**BEET**

GERMAN ROTE-RUBE, ITALIAN BARBABIETOLA, POLISH BURAKI

One ounce of garden varieties will sow 75 feet of drill, 5 to 6 pounds to the acre.



Early Wonder

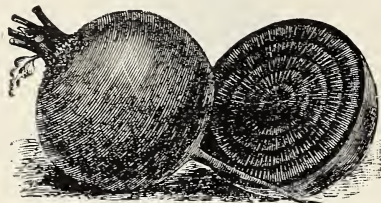
The soil which is best suited for the culture of the Beet is that which is rather light than otherwise, always provided it is thoroughly enriched with manure. For any early supply sow in Spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for Winter use sow in June. When the plants have attained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. On October the roots may be taken up and stored, care being taken that they are not bruised or injured in the process.



**EARLY WONDER**—For early beet this is one of the best. Will grow well under sash. It is smooth and dark in color with small tops. An excellent all-season variety. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**EARLY EGYPTIAN TURNIP, CROSBY, IMPROVED AMERICAN STRAIN**—Earliest beet in cultivation. Color, deep crimson. Of excellent quality. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**EARLY EGYPTIAN DARK RED**—The old standard sort. 5c. per pkt.; 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 90c. per lb.



Eclipse

**ECLIPSE**—While it is not as early as the Egyptian, it is better, because it is larger and of much finer quality. It makes a small top, and produces smooth growth, perfectly round Beets, the skin and flesh of which are of dark crimson color. 5c. per pkt.; 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

**CRIMSON GLOBE**—Handsome second early main crop, market sort. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**EARLY LENTZ'S BLOOD TURNIP**—It has a very small top and will produce a crop in six weeks from the time of planting the seed. It is very productive and a perfect keeper. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

**BASTIAN'S BLOOD TURNIP**—After the Egyptian Turnip, probably the earliest variety of Beet. Is of blood-red color, when boiled. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

**EARLY BLOOD TURNIP**—The standard early sort. An excellent variety. 5c. per pkt.; 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.



Egyptian, Lentz, Bastian, Detroit

**LONG SMOOTH BLOOD-RED**—An excellent late variety. A great improvement on the common Long Blood. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**DETROIT DARK RED**—One of the best market gardener's variety. Second early and a Fall and Winter variety. One of the best keepers, fine grained; remains tender longer than any other variety. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.; 75c. per lb. in 10-lb. lots.

**HALF LONG**—The principal points of excellence in the Half Long as distinguished from the round varieties are the vividly rich colors which characterize almost every long variety, and their peculiar adaption for slicing, while its freedom from a rooty fibre will make

it one of the leading winter sorts. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

**WHITE SUGAR**—Good for late table and stock feeding; sweet. 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 50c. per lb.

## BEET—SWISS CHARD

One ounce will sow 75 feet row. 5 to 6 pounds to an acre.

Swiss Chard or Spinach Beet are grown for their leaves. The midrib when boiled makes delicious greens, or the leaves may be boiled and served as Spinach. Sow early in the Spring. The leaves are soon ready to eat and will continue to grow all through the Summer and Fall. It has become a very profitable and likeable wholesome vegetable.

**SILVER RIBBED GREEN LEAVED**—Smooth leaves, large stems which are tender and of fine flavor. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

**LUCULLUS**—A new variety with curled leaves. Stem and leaves are very large and of the finest quality. It is also very ornamental plant for a garden. White stem and green curly leaves are very attractive. 10c. per pkt.; 15c. per oz.; 35c. per lb.; \$1.00 per lb.

## BEET—MANGEL WURZEL



Mammoth Long Red Mangel Beet

The following varieties are grown for feeding cattle and stock. Sow in April or May. Six to eight pounds per acre, in rows three feet apart, thin out to six inches in the row. During rainy weather the plants can be transplanted.

**MAMMOTH LONG RED**—This is the finest stock of Long Red Mangel in cultivation. 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 50c. per lb.; 45c. per lb. in 5-lb. lots.

**RED GLOBE**—A variety similar to the Yellow Globe in shape and size, and differing only in color. 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 50c. per lb.

**YELLOW GLOBE**—Roots of large size and globular form. Very productive. Keeps better than the Long Red, and is better adapted for growing in shallow soil. 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 50c. per lb.; 45c. per lb. in 5-lb. lots.





Golden Tankard

**GOLDEN TANKARD**—This variety is an exceedingly popular variety in Great Britain, where it is considered particularly valuable on account of its nutritious and milk-producing qualities. Sheep have preference for this sort over other mangels. It is said that they will pick out every piece of Golden Tankard before touching others. It yields enormous crops. 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 50c. per lb.; 45c. per lb. in 5-lb. lots.

### BROCCOLI

One ounce will sow 75 feet of drill, and produce about 2,000 plants.

Nearly allied to the Cauliflower, but more hardy; the seed should be sown in this district in the early part of May and transplanted in June; farther South the sowing should be delayed until June or July, and the transplanting accordingly, from August to October. In parts of the country where the thermometer does not fall below 20 to 25 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

**ITALIAN OR CALABRESE**—Extensively cultivated by Italian gardeners. Plant forms a large solid head which remains green. When central head is cut numerous sprouts develop from the leaf axels. Each sprout terminates in small green heads which are bunched for market. 25c. per pkt.; 75c. per oz.; \$2.50 per  $\frac{1}{4}$  lb.; \$9.00 per lb.

**WHITE CAPE**—Heads medium size, close, compact and of a creamy white color. One of the most certain to head. 10c. per pkt. 50c. per oz.; \$1.50 per  $\frac{1}{4}$  lb.; \$5.50 per lb.

**PURPLE CAPE**—Differs only in color. 10c. per pkt.; 50c. per oz.; \$1.50 per  $\frac{1}{4}$  lb.; \$5.50 per lb.

### BRUSSELS SPROUTS

One ounce will sow 75 feet of drill, and produce about 2000 plants.

This is one of the best vegetables for Winter use, producing from the axils of the leaves an abundance of sprouts, resembling small cabbages, of excellent, mild flavor. It has never come into general use in this country, probably owing to its being too tender to stand the Winters of the Northern States; still, by sowing in April or May, and planting out in July, it may be had in fine condition until December, and in the Southern States may be had in use from November to March.

**IMPROVED LONG ISLAND**—Popular variety, producing numerous good-sized compact sprouts. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**DWARF IMPROVED**—A variety producing compact sprouts. 10c. per pkt.; 20c. per oz.; 65c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

**TALL FRENCH**—Very fine. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

### CABBAGE

GERMAN KRAUT, ITALIAN CAVOLA CAPUCCIO,  
POLISH KAPUSTA

## TREAT BEFORE PLANTING WITH SEMESAN FOR DISEASE PROTECTION

One ounce will sow 75 feet of drill, and produce about 2000 plants.

The early varieties of Cabbage are cultivated more extensively than any other vegetable. In latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October, and planted out on the first opening of Spring, but in our Northern States they must either be sown in hot-beds in February, or, what is still better, wintered over in cold-frames. For this purpose the seed is sown from the tenth to twentieth of September. Attention to date is important; if too soon, the plants might run to seed, and if too late, they will be too small.

In four or five weeks from the time of sowing they will be fit to transplant into cold frames. In planting it is very important with Cabbage or Cauliflower that the plant is set down to the first leaf, so that the stem is all under ground, for if exposed, it will be split by the action of the frost, and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. The late varieties are usually sown in the early part of May, and the plants are set out in July, at a distance of three feet between the rows and two feet between the plants.



Early Jersey Wakefield

**EXTRA EARLY JERSEY WAKEFIELD**—Extensively grown in all parts of the country as the best and most profitable early variety in cultivation; and extra fine stock. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**EARLY GOLDEN ACRE**—This is an extra early strain of Copenhagen Market Maturing, 10 days earlier. Heads 9 inches in diameter, uniform weight of 5 lbs. Stalk short of compact growth. Can be planted as close as the Wakefields. 15c. per pkt.; 50c. per oz.; \$1.75 per  $\frac{1}{4}$  lb.; \$6.00 per lb.

**CHINESE PTE-SAL**—It is called cut cabbage in China, and is appearing extensively in our markets. It grows erect, not forming a head, and resembles Cos Lettuce. Its flavor is mild, and is used either as a salad or cooked. Set plants three feet apart and two feet in the row. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**EARLY CHARLESTON, or LARGE TYPE OF WAKEFIELD**—The Largest and Best First-Early Cabbage. The stock was selected from one of the best stocks of Wakefield, a large type, which is now so fixed in its character that we can offer it with confidence to those desiring a Cabbage of this kind. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**COPENHAGEN EARLY MARKET**—An excellent early variety. Matures at about the time of Charleston Wakefield. Heads very large and round. Leaves light green, head very heavy and it is a very uniform cropper. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

Dust your Seed with Semesan before planting.



Early Summer

**EARLY SUMMER**—It is about ten days later than the Wakefield, but being fully double the size it may be classed as the best early flat head Cabbage. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**EARLY FLAT DUTCH**—A valuable early variety, largely grown in the vicinity of New York. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**ALL SEASON**—Suitable to plant any time, early or late. A sure header. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**SUCCESSION**—The Succession we regard as the most valuable variety that has been introduced since the Early Summer. It is the best Cabbage for either early or late use ever offered. The Succession is about one week later than the Early Summer but it is double the size. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**AUTUMN KING or WORLD BEATER**—A distinct strain of late Cabbage, which is highly spoken of by all market gardeners who have thus far tested it. The heads are of enormous size and very solid. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**DANISH BALL HEAD**—A very handsome and extremely hardy imported Cabbage, which is growing in popularity in America, having proven one of our Best Winter Sorts. Heads are not quite as large as the Late Flat Dutch, but very hard, round, fine grained, and will weigh one-fourth more than other varieties of equal size. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.



Surehead

**SUREHEAD**—A good all-around late Cabbage. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**SELECTED PREMIUM LATE FLAT DUTCH**—To this we have only to add that the seed offered has been grown from heads uniform in size, large and solid. Those who buy it for the first time will find it to be one of the most satisfactory strains of late Cabbage they have ever used. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.



Selected Premium Late Flat Dutch

**ENKHUIZEN GLORY**—Very excellent round headed variety. Matures with Charleston Wakefield. Will remain a long time after heading without bursting. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**DRUMHEAD SAVOY CURLEY CABBAGE**—The largest heading sort of excellent flavor. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**LARGE LATE DRUMHEAD**—Grows to a large size, with round compact heads. 19c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**RED DUTCH**—Used almost exclusively for pickling. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**MAMMOTH ROCK RED**—This is by far the best, largest and surest heading Cabbage ever introduced. The head is large, round, very solid and of deep color inside, as well as outside. Ninety-eight per cent of the plants will form extra fine heads. The best of the red cabbages. 10c. per pkt.; 35c. per oz.; 90c. per  $\frac{1}{4}$  lb.; \$3.00 per lb.

## CABBAGE PLANTS

### Prices Subject to Fluctuation

#### EARLY SORTS

**EARLY WAKEFIELD and EARLY SUMMER**—10c. per doz.; 75c. per 100; \$5.00 per 1000 out of seed bed. Transplanted plants, 25c. per doz.; \$1.25 per 100.

#### LATE SORTS

**SUREHEAD, DANISH BALL HEAD, LATE FLAT DUTCH, AUTUMN KING, SUCCESSION**—75c. per 100; \$4.50 per 1000. Field grown.

Special prices given on lots of 5,000 or 10,000.

## CARDOON

One ounce will sow 100 feet of drill.

Cardoon is grown for the midrib of the leaf, which requires to be blanched in the same manner as celery. Sow early in Spring, where the plants are to remain in drills three feet apart, an inch and a half deep, and thin out the young plants to a foot apart in the drills.

**LARGE SPANISH**—10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.00 per lb.

## CARROT

**GERMAN GELBE-RUBEN, ITALIAN CAROTA, POLISH MARCHEW**

One ounce will sow 100 feet of drills. 3 pounds will seed an acre.

The Carrot, like other root crops, delights in a sandy loam, richly filled. For early crops sown in Spring, as soon as the ground is in good working order; for later crops, they may be sown any time until the middle of July. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants. For field culture, rows three feet apart; four inches apart in the row.



**CORELESS**—A new strikingly handsome early carrot. Deep orange in color, smooth cylindrical in form, 6 inches length by  $1\frac{1}{2}$  inch in diameter. Free from woody heart or core and of the highest quality. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

**EARLY FRENCH FORCING**—The earliest variety; valuable for forcing; root small and of fine flavor. 10c. per pkt.; 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**EARLY SCARLET HORN**—An old favorite sort, much esteemed for early Summer use. 10c. per pkt.; 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.



Early Half Long Chantenay

**EARLY HALF (Stump Rooted Nantes)**—A variety intermediate in size and maturity between the preceding and Long Orange. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**CHANTENAY HALF-LONG**—Fine orange scarlet color, very productive; especially desirable for market or home use. The flesh is tender, firm and finely grained. Six inches long, stump rooted. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**OX-HEART or GUERANDE**—Early, short thick, very smooth and handsome market sort. 10c. per pkt.; 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.



Long Orange Improved

**LONG ORANGE IMPROVED**—The roots are of large size. Equally adapted for garden or farm culture. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.



Rubicon Half-Long Orange

**RUBICON HALF-LONG ORANGE**—It is uniform in shape, and its deep red orange-colored flesh makes it the finest in quality. It is earlier than Danvers. Heavier and thicker at the shoulder. Exceedingly heavy cropper. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**DANVERS**—A variety of great promise, in form midway between the Long Orange and Early Horn Class. In color it is of a rich shade of orange, growing very smooth and handsome. It is claimed that this variety will yield the greatest bulk with the smallest length of root of any now grown. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

### CATTLE CARROT

**LARGE WHITE BELGIAN**—A very productive kind. Grown almost exclusively for stock; grows one-third out of the ground; lower part of the root white, that above the ground, green. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

**YELLOW BELGIAN**—When young the roots are mild, delicate and of good flavor; when full grown valuable for stock. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

### CAULIFLOWER

**GERMAN BLUMENKOHLE, ITALIAN COVOLOFLORE, POLISH KALAFIORY**

One ounce will sow 75 feet of drill and produce 2000 plants.

Any soil that will grow Cabbage will grow Cauliflower, as their requirements are almost similar. But as the product is more valuable, extra manuring and preparation of the soil will be well repaid.

The seed may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seeds in the hot bed in January or February and transplanting the plants at two or three inches apart, in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which, in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by planting out too early.





Henderson's Early Snow-Ball

Dust your Seed with Semesan before planting  
**HENDERSON'S EARLY SNOW-BALL**—It is the earliest of all Cauliflowers. Sown at the same time and under the same conditions with ten other kinds, on the 1st of June, heads of the Early Snow-Ball measuring nine inches in diameter, are about one week earlier than any other sort. Besides this variety, every plant forms a fine head. In addition to its earliness and greater certainty to head than any other sort, its dwarf habit and short outer leaves allow it to be planted as close as 18 inches apart. For forcing under glass during Winter and Spring, this variety is particularly well adapted. 25c. per pkt.; \$2.00 per oz.; \$6.00 per  $\frac{1}{4}$  lb.; \$20.00 per lb.

**DRY WEATHER**—Especially adapted to dry soils and long dry seasons. Heads large and pure white. 25c. per pkt.; \$2.00 per oz.

**EXTRA EARLY PARIS**—A well-known excellent variety. 15c. per pkt.; 75c. per oz.

**EXTRA EARLY DWARF ERFURT**—A favorite early market variety; large, compact heads of fine quality. 25c. per pkt.; \$2.00 per oz.

### CELERIC, OR TURNIP ROOF-CELERY

One ounce will produce 3000 plants.

A variety of celery having turnip-shaped roots, which may be cooked and sliced, and used with vinegar, making a most excellent salad. It is more hardy, and may be treated in the same manner as Celery.

**GIANT PRAGUE**—10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.



Giant Prague

### CELERY

GERMAN SELLERIE, ITALIAN SADAMA, POLISH SELERY

One ounce will sow 100 foot row, and produce 3000 plants.

Sow in open ground as soon as it is fit to work, late in March or early in April. Keep clear of weeds until time for transplanting, in June or July. The tops should be shorn off once or twice before transplanting to insure stocky plants. When from four to six inches high, transplant into broad shallow trenches nearly on the level, three feet apart, and six inches in the rows. The soil should be light, highly manured and moist, or near water, as the plants must be freely watered in dry weather. Earthing up should not be begun until the plants are quite well grown; then earth up gradually, keeping the leaf-stocks close together, so that the earth may not fall into the center of the plant. Never earth up in wet weather or when the dew is on the plant. Celery for very late use which is earthed or bunched up early is liable to rust. When severe cold weather comes on, cover with leaves, hay or straw, and place boards on the top to keep out moisture. The covering must be put on gradually, else there will be danger of heating and consequent decay.



New Golden Plume or Wonderful

**NEW GOLDEN PLUME OR WONDERFUL**—A cross between Easy Bleacher and Golden Self-Blanching. Of robust habit, full heart of bright yellow color. It has resisted blight the past years. It is the coming market variety. It is listed under two names. 15c. per pkt.; 75c. per oz.; \$2.00 per  $\frac{1}{4}$  lb.; \$6.50 per lb.

**EMPEROR or FORDHOOK**—New Fall and Winter sort. Plant stocky, full light yellow heart; stalks broad, thick and crisp of superior quality. 10c. per pkt.; 40c. per oz.; \$1.25 per  $\frac{1}{4}$  lb.; \$4.50 per lb.

**EARLY PINK PLUME**—A strong, healthy, compact grower, with no tendency to rust. Stems very solid and crisp, extra early and a long keeper, remaining, when properly trenched, in perfect condition away into Spring. It possesses a rich, nutty flavor, suffused with dainty pink, which not only delights the eye, but tempts the palate of the epicure. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**GOLDEN YELLOW SELF-BLANCHING—French Strain**—This variety of Celery is of a yellowish green color, but as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier. The handsome color, crispness, tenderness, freedom from stringiness, and fine nutty flavor of this variety makes it only necessary to be tried in order to establish it as the standard of excellence as an early sort. 10c. per pkt.; 85c. per oz.; \$3.00 per  $\frac{1}{4}$  lb.; \$10.00 per lb.

**GIANT PASCAL**—A green sort, very brittle, but crisp and nutty in flavor. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**EARLY WHITE PLUME**—This Celery is valued because naturally the stalk and portions of its inner leaves and heart are white. By simply tying up the leaves and drawing up the soil with the hoe the work of bleaching is completed. It is ornamental, tender, crisp and of good flavor. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**SCHUMACHER**—Very popular among New York market gardeners. They consider it the best Winter variety; keeping quality excellent. Grows to large size with golden-yellow heart. Very solid and crisp. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**GOLDEN HEART—Golden Dwarf**—In size and habit of growth it is much the same as the Half-Dwarf kinds except that, when bleached, the heart, which is large and full, is of waxy, golden yellow, rendering it a most striking and showy variety for either market or private use. It is entirely solid, and of most excellent flavor, and one of the best keepers that has ever been known. 5c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.



**GOLDEN SELF-BLANCHING**—"American Grown." A most valuable variety which partakes somewhat of the character of the celebrated White Plume, in as much as it does not require such high banking-up as the ordinary sort to be fit for the table. It simply needs a slight earthing-up or hand-ling. It is a beautiful waxy, golden color, very solid, and of a rich, nutty flavor. 10c. per pkt.; 50c. per oz.; \$1.50 per ¼ lb.; \$4.75 per lb.



Easy Blanching or Easy Bleacher—Extra Strain

**EASY BLANCHING or EASY BLEACHER—EXTRA STRAIN**—A tall-growing white variety of excellent quality, of recent introduction. Blanches readily with boards. Grows well both on muck and upland. It is not so susceptible to blight as other self-bleaching sorts and quality much better. It is becoming to be the best market variety to plant for profit. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

\* **WINTER QUEEN**—Late half-dwarf Golden Heart type, of more robust growth. Very good late market sort. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

**CELERY SEED**—for flavoring. 35c. per ¼ lb.; \$1.25 per lb.

## CELERY PLANTS

Ready July 10th

8,000 to 10,000 plants to an acre.

Varieties same as list of seed above. Price 75c. per 100; \$4.50 per 1000; and 5000 or over, \$4.00 per 1000.

## CHICORY

One ounce will sow 150 feet of drill.

**LARGE ROOTED MAGDEBURG**—Used to mix with, or as a substitute for coffee. Cultivation the same as the carrot. 10c. per pkt.; 20c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

**WITLOOF CHICORY or FRENCH ENDIVE**—Sold on most all fruit and vegetable stands during Winter. Drill seed 10 inches apart in June; let plants grow until November. Take up and trim to 1½ inches from neck, leaving 8 inches, then plant upright 1½ inches apart in trenches 16 inches deep. Fill trench with good soil and manure. In four weeks the Endive will be ready for use and is eaten raw or cooked. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.00 per lb.

## CHERVIL

One ounce to 150 feet of drill.

**CHERVIL CURLED**—An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart. 10c. per pkt.; 20c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

## CHIVES

**CHIVES**—(German Schnittlauch)—A mild flavor of onion kind; very desirable greens for flavoring meats, soups, cottage cheese, etc. Sold in clumps, 10c. each; \$1.00 per dozen.

## COLLARDS OR SPROUTS

**COLLARDS or SPROUTS GEORGIA**—This is a Tall Loose Leaf Cabbage like plant, grows 2 to 3 ft. high, forming a cluster of tender modulated leaves at the top of its rather long stem used as "Greens" in the South and West. Sow and plant like Cabbage or Kale. 10c. per pkt.; 20c. per oz.; 50c. per ¼ lb.; \$1.50 per lb.

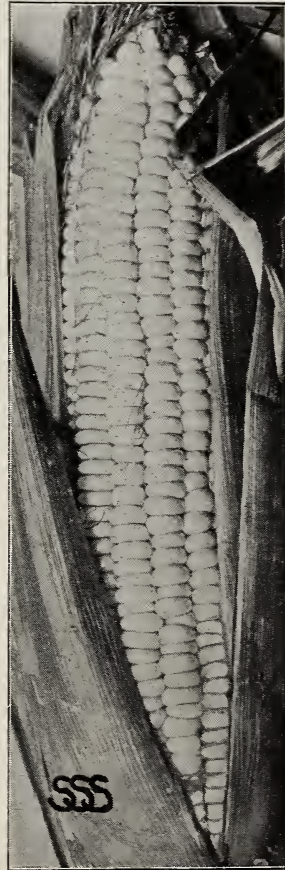
## CORN—Sweet

GERMAN MAIS, ITALIAN MAIS, POLISH KUKURYDZA

**NOTICE**—These prices are subject to change without notice.

One pound will plant 75 to 100 hills, according to the variety, 12 to 15 pounds will plant an acre, 150 lbs. will sow an acre broadcast for soiling, or half that quantity in drills, 8 to 12 pounds will plant an acre of yellow Field Corn in hill, one-third more in drill.

All varieties of Sweet Corn may be either sown in rows three feet, six inches to four feet apart, and the seeds planted at about ten inches in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown or richness of the soil in which it is planted. The taller the variety, or richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive planting for Sweet Sugar varieties every two or three weeks until the last week in July. In more southerly latitudes planting is begun a month earlier and continued a month longer.



Charlevoix

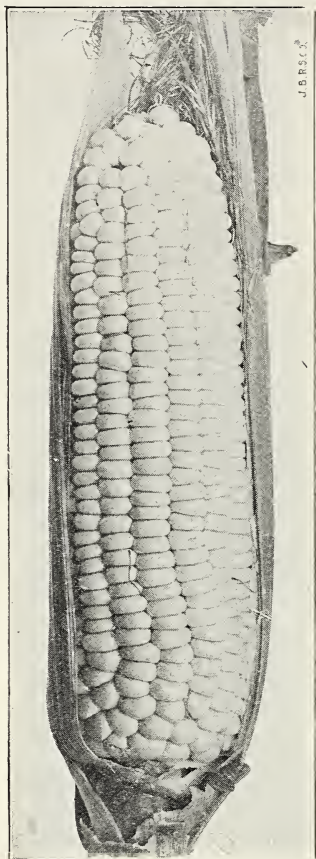
**CHARLEVOIX**—New, sweetest yellow table corn grown. About ten days later than Golden Bantam, much larger ear and sweeter. "Try a sample lot" along side of other sweet corn. 25c. per lb.; 23c. per lb., in 10-lb. lots; 20c. per lb., in 100-lb. lots.

Use Crow Repellent on Corn before planting

**WHIPPLES EARLY YELLOW**—A remarkable new yellow Sweet Corn of much merit. Ears 7 to 8 inches in length. Extremely early. 25c. per lb.; 20c. per lb. in 10 lb. lots; 18c. per lb. in 100 lb. lots.

**WHIPPLES EARLY**—5 days earlier than Crosby Stalks. 5 to 6 ft. high, often 2 ears to stalk, 8 inches long. Grain deep on the Evergreen type. Pearly white, very sweet. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100-lb. lots, 18c. per lb.

**EXTRA EARLY GOLDEN SUNSHINE**—Earliest of Sweet Corn. Stalks 4 ft. high. Ears 6 to 7 inches long. 12 rowed. Yellow grain and sweet, extremely early. 25c. per lb.; 10-lb. lots, 22c. per lb.; 100-lb. lots, 20c. per lb.



Whipples Early

**ADAMS EXTRA EARLY**—Not a sugar corn but largely grown for early use. Stands early planting, almost worm-proof; ears 7 to 8 inches long. Our strain is superior in earliness. 20c. per lb.; 10-lb. lots, 18c. per lb.; 100-lb. lots, 15c. per lb.

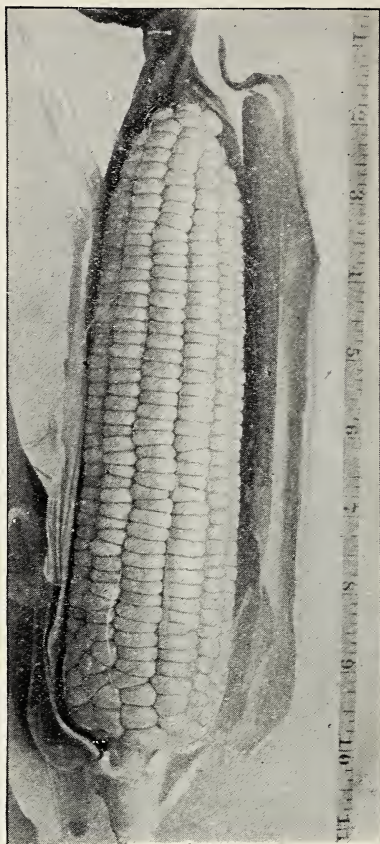
**HOWLING MOB**—Ears measure from 7 to 9 inches in length. Ripens before Early Evergreen grains are very white and sweet. Carries generally two ears to stalk and will prove a money-maker in the market. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100-lb. lots, 18c. per lb.

**GOLDEN BANTAM**—Dwarf good garden sort, of creamy yellow, very early; delicious flavor. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100-lb. lots, 18c. per lb.

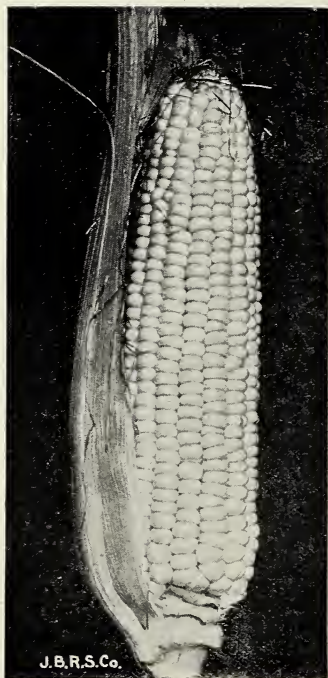
**GOLDEN GIANT**—Taller variety than Golden Bantam. Matures early. Ears good length, filled from butt to tip. Kernels regular, heavy yielding, excellent quality. 25c. per lb.; 20c. per lb. in 10-lb. lots; 18c. per lb. in 100 lb. lots.

**GOLDEN EVERGREEN**—Character similar to Stowell Evergreen, except in color. A golden yellow; very sweet ears; large. 25c. per lb.; 20c. per lb., in 10-lb. lots; 18c. per lb. in 100-lb. lots.

**EARLY BURLINGTON**—This is the earliest White Corn grown; ready for use in 60 days. Height of stalks, 3 to 4 feet, can be planted earlier than any Sweet Corn. 20c. per lb.; 10-lb. lots, 15c. per lb.



Howling Mob

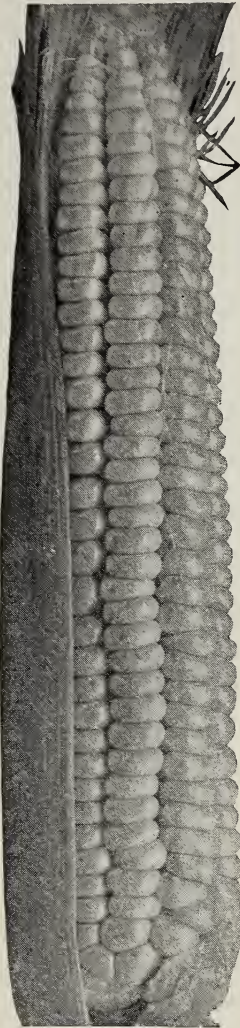


Golden Evergreen



**EARLY KENDEL'S GIANT**—One of the largest earliest Sweet Corn introduced. An extra market sort. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100-lb. lots, 18c.

**EARLY EVERGREEN**—A Second Early, it has all the good qualities of Stowell's Evergreen. It is about eight days earlier, a little shorter in the ear. Quality of the best. 25c. per lb.; 10-lb. lots, 20c. per lb.; 18c. in 100-lb. lots.



Long Island Beauty

**LONG ISLAND BEAUTY**—A cross between Evergreen and late Mammoth. Ears are long with 12 and 14 rows of Pearly White Grains, excellent quality. A very good market sort. 25c. per lb.; 10-lb. lots, 20c. per lb.; 18c. in 100-lb. lot

**MAMMOTH SUGAR**—A late variety, and one of the larger; productive and fine flavored. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100 lb. lots, 18c. per lb.

**BLACK SUGAR MEXICAN**—A variety with black grains; one of the sweetest of all kinds. 25c. per lb.; 10-lb. lots, 20c. per lb.

**STOWELL'S EVERGREEN**—"Eastern Stock; Sweetest Strain Known." A large variety of excellent quality, remaining longer in the green state than any other kind. 25c. per lb.; 10-lb. lots, 20c. per lb.; 18c. per lb. in 100-lb. lots.

**THE COUNTRY GENTLEMAN** is, without doubt, the finest of all for private and market use, and greatly resembles the Shoe Peg, except the ears are twice as large, with an average of about nine inches in length, and is very productive, producing from three to four ears to a stalk. Cob is small, giving great depth to the kernels, which are of a pearly whiteness. Its fine quality makes it most desirable for the market gardener. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100-lb. lots, 18c.

## POP CORN

**POP CORN, WHITE PEARL**—25c. per lb.; 10-lb. lots, 20c. per lb.

**POP CORN, YELLOW PEARL**—25c. per lb.; 10-lb. lots, 20c. per lb.

**POP CORN, WHITE RICE**—25c. per lb.; 10-lb. lots, 20c. per lb.

## CORN—FIELD

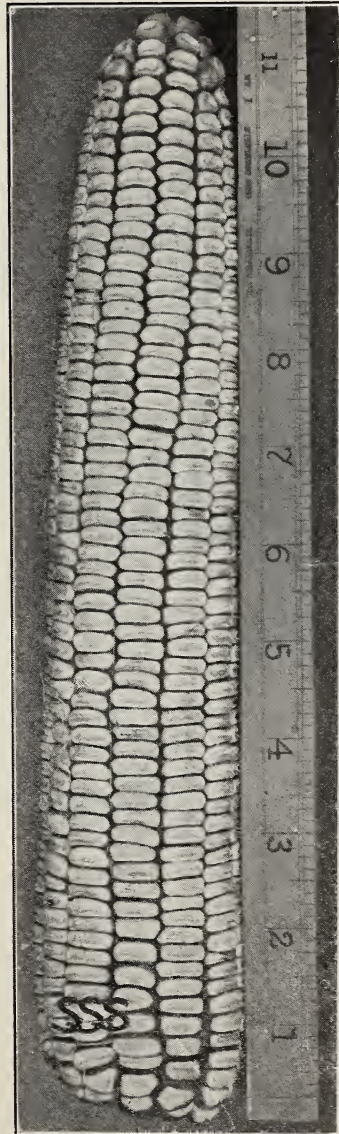
Subject to Market Fluctuations

**SOUTHERN LARGE WHITE ENSILAGE**—For fodder only; a very rapid grower and heavy foliage; one of the best silo corns. 10c. per lb.; 25-lb. lots and over, 7c. per lb.; or \$3.00 per bushel.

**EUREKA WHITE ENSILAGE**—One of the most popular silo corns. 10c. per lb.; 25-lb. lots, 7c.; or \$3.50 per bushel.

**BRISTOL EARLY**—A good standard, early yellow corn. 8c. per lb.; 25-lb. lots and over, 6c. per lb.; \$3.00 per bushel.

Treat your Seed Corn before planting with  
Semesan Jr. for disease control.



Golden Dent Gourd Seed



**GOLDEN BEAUTY**—The ears are of perfect shape, with from ten to sixteen straight rows of bright golden grains of the largest size, which are filled out to the extreme end of the cob; it is easily shelled, and is in every respect seemingly a perfect type; it is a vigorous grower, attaining 10 to 14 feet in height, and each stalk produces from two to three ears; matures as early as most varieties of Golden Dent, and surpasses all in size, appearance and productiveness. 10c. per lb.; 25-lb. lots and over, 7c. per lb.; \$3.50 per bushel.

#### Use Crow Repellent on Corn before planting

**GOLDENDENT GOURD SEED**—This is a very productive and superior variety; very early; requires less strength of ground, and makes a very fine quality of meal. The grains are very deep, with small cobs. It is a vigorous grower, and very popular in sections where the soils are light and sandy. 10c. per lb.; 25-lb. lots and over, 8c. per lb.; \$3.50 per bushel.

**IMPROVED LEAMING**—The earliest, most productive and handsomest Yellow Dent Corn in cultivation. 10c. per lb.; 25-lb. lots, 7c. per lb.; or \$3.00 per bushel.

**LARGE YELLOW FLINT**—Productive and of good quality. 10c. per lb.; 5-lb. lots and over, 7c. per lb.; or \$3.50 per bushel.

**WOODHULL**—One of the best standard sorts; light grain, large ear, medium size stalk, very productive. 10c. per lb.; 25-lb. lots and over, 7c. per lb.; \$3.00 per bushel.

**CORN BROOM EVERGREEN**—Carefully saved from selected brush. 25c. per lb.; 15-lb. lots and over, 20c. per lb.



**CORN SALAD OR FETTICUS**

One ounce will sow 125 feet of row.

A vegetable used as a salad, and sold to a considerable extent in our markets. It is sown on the first opening of Spring, in rows one foot apart, and is fit for use in six to eight weeks from time of sowing. If wanted to come in early Spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over exactly as spinach.

**LARGE LEAVED**—10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

#### CRESS, OR PEPPER GRASS

One ounce will sow 50 feet of row.

A well-known pungent salad. Requires to be sown thickly and covered very lightly at frequent intervals to keep up a succession as it soon runs to seed.

**EXTRA CURLED**—Very fine; may be cut two or three times. 5c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

**WATER CRESS**—10c. per pkt.; 50c. per oz.; \$1.50 per ¼ lb.; \$4.50 per lb.

#### CUCUMBER

##### GERMAN GURKEN, ITALIAN CETRIOLO, POLISH OGOREK

One ounce will plant 50 hills, two pounds will plant an acre.

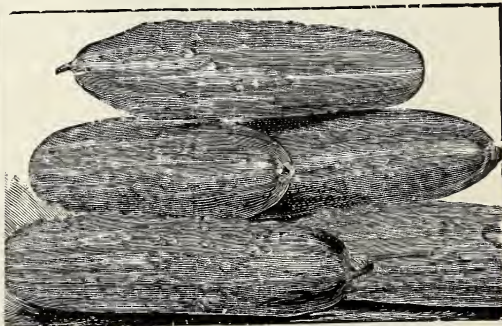
Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well-rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be plucked when large enough, whether required for use or not, as if left to ripen on vines, destroys its productiveness.

**LONGFELLOW**—A new valuable sort. The fruit will average 12 to 14 inches long, 2½ inches in diameter. Straight, very dark green, uniform color. Very attractive market fruit; a good grower. A second early. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.00 per lb.



**Longfellow**

**EARLY FORTUNE**—The finest type of White Spine yet produced. Early, very productive and disease-resistant fruits 9 to 10 inches long, color, dark green, which does not fade when shipped long distances. 10c. per pkt.; 15c. per oz.; 40c. per ¼ lb.; \$1.25 per lb.



**EARLY FORTUNE**



**EARLY IMPROVED WHITE SPINE**—A favorite market variety of medium size, deep green, flesh crisp and of fine flavor. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**EARLY IMPROVED ARLINGTON WHITE SPINE**—It is a week earlier than the Early Improved White, wonderfully prolific. It retains a beautiful green color longer than any other sort; size, medium; an excellent slicing sort. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**FORDHOOK FAMOUS**—Vines produce enormous crop, being of unusually vigorous growth, with large, thick heavy leaves, which withstand the attacks of insects. Fruit perfectly smooth and very dark green and handsome. Fruits measure 10 to 12 inches long. They are always straight, never turn yellow, and are very solid. 10c. per pkt.; 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**GREEN PROLIFIC**—A good picking sort. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**NEW DAVIS PERFECT**—Resembles a hot-house cucumber. Long, straight, dark green in color; almost seedless. Equally good for outdoors and hot-house growing. 10c. per pkt.; 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**EARLY CLUSTER**—A much esteemed early sort; growing in clusters, and extremely productive. 5c. per pkt.; 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**BOSTON PICKLING**—It is largely used about Boston by market gardeners. A very productive kind, of superior quality. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**LONG GREEN or JERSEY PICKLE**—A fine fruit, of excellent quality, dark green, firm and crisp; very productive. 5c. per pkt.; 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**LONG GREEN TURKEY**—Late, dark green, excellent fruit, large and productive. 5c. per pkt.; 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

### DANDELION

**GERMAN LOWENZAHN, ITALIAN DENTI DI LEONE, POLISH PAPAWA**

One ounce will sow 150 foot row.

**IMPROVED THICK LEAVED**—A very early and healthful Spring salad. Sow early in the Spring, in drills, eighteen inches apart, and thin out to six inches in the drills. 10c. per pkt.; 85c. per oz.; \$3.00 per  $\frac{1}{4}$  lb.; \$11.00 per lb.

### DILL HERB

Used extensively for culinary use and for putting with cucumber when pickling, producing the famous Dill Pickles. 5c. per pkt.; 15c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

### EGG PLANT

**GERMAN EIERPFLANZE, ITALIAN PETRONCIANO, POLISH GRUSZKA**

One ounce will produce about 1000 plants.

The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hot-beds the second week in March, care being taken to protect the young plants from cold at night. Plant out about June 1st, about two and a half feet apart. If no hot-bed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house.



Early Black Beauty

**IMPROVED NEW YORK SPINELESS**—In every respect superior to the New York Improved. The habit of the plant is low and branching, and is quite free from spines both on the plant or calyx of the fruit, which are of the largest size and most perfect form. It is earlier than either of the old varieties. Therefore most valuable to the grower of this delicious vegetable. 10c. per pkt.; 45c. per oz.; \$1.35 per  $\frac{1}{4}$  lb.; \$4.50 per lb.

**EARLY BLACK BEAUTY**—Earlier than any other sort. Fruit, jet black, holding its black color during its maturing season. Very productive with uniform size fruit. 10c. per pkt.; 45c. per oz.; \$1.35 per  $\frac{1}{4}$  lb.; \$4.50 per lb.

### EGG PLANT (Pot Grown)

Ready May 1st

**IMPROVED NEW YORK SPINELESS**—In pots, 10c. each; \$1.00 per doz.; \$7.00 per 100. Out of seed beds, 35c. per doz.; \$1.75 per 100.

Boxed plants, 10c. each; \$1.00 per doz.

Special prices on application, in quantities.

### ENDIVE

**GERMAN ENDIVIEN, ITALIAN ENDIVA, POLISH ENDYWIA**

One ounce will sow a 100-foot row.

Endive is one of the best salads for Fall and Winter use. Sow for an early supply about the middle of April. As it is used mostly in the Fall months, the main sowings are made in June and July, from which plantations are formed one foot apart in each way, in August and September. It requires no special soil or manure, and after planting is kept clear of weeds until the plant has obtained its full size, when the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a conical form with bass mating. This excludes the light and air from the inner leaves, which in the course of from three to six weeks, according to the temperature at the time, become blanched. Another and simpler method consists in covering up the plants as they grow with slate or boards, which serves the same purpose—by excluding the light—as the tying-up.



Moss Curled

**GREEN CURLED**—Very hardy, leaves dark green; tender and crisp. 10c. per pkt.; 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**FRENCH MOSS CURLED**—From the density of its foliage, this variety is heavier than the Green Curled, equally agreeable as a salad and either green or blanched is particularly handsome. 10c. per pkt.; 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**BATAVIAN BROAD LEAVED or ESCAROLLE**—Leaves broad, light green, nearly plain, used in stews and soups. 10c. per pkt.; 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**WHITE CURLED**—Leaves pale green, grows to a large size; always crisp and very tender. 10c. per pkt.; 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**ESCAROLLE**—Broad, thick ribs with slightly wrinkled leaves. 5c. per pkt.; 10c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

## FENNEL HERB

Annual, height, 2 feet; fine leathery foliage. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

## GARLIC

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil. The sets should be planted in early Spring, in rows one foot apart, and from one to five inches between the plants in the rows. The crop matures in August, when it is harvested like the onion.

**GARLIC SETS**—25c. per lb.

## HERBS

## SWEET POT AND MEDICINAL HERBS

No garden is complete without a few Herbs for culinary and medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come in full bloom, then dried quickly and packed closely, entirely excluded from the air. Sow in the Spring, in shallow drills, one foot apart, and when well up thin out or transplant to a proper distance apart.

**ANISE** (*Pimpinella Anisum*)—Biennial. 10c. per pkt.; 15c. per oz.; \$1.50 per lb.

**BASIL SWEET** (*Ocimum Basilicum*)—Annual. 6 ft. 10c. per pkt.; 25c. per oz.; \$2.00 per lb.

**BORAGE** (*Borago Officinalis*)—Excellent for bees. Annual, 3 ft. 10c. per pkt.; 20c. per oz.; \$1.25 per lb.

**CARAWAY** (*Carum Carai*)—Perennial, 2 ft. 10c. per pkt.; 15c. per oz.; \$1.00 per lb.

**CASTOR OIL PLANT** (*Ricinis Communis*)—Annual, 6 ft. 10c. per pkt.; 20c. per oz.; \$1.50 per lb.

**CORIANDER** (*Coriandum Satium*)—Annual, 2 ft. 10c. per pkt.; 15c. per oz.; \$1.00 per lb.

**DILL** (*Anethum Graveoleons*)—Biennial, 3 ft. 5c. per pkt.; 15c. per oz.; 75c. per lb.

**FENNEL** (*Anethum Goeniculum*)—Perennial, 6 ft. 5c. per pkt.; 25c. per oz.; \$2.00 per lb.

**HOPS SEED** (*Humulus Impulus*)—10c. per pkt.; 35c. per oz.; \$1.25 per  $\frac{1}{4}$  lb.; \$4.00 per lb.

**HOREHOUND** (*Maribum Vulgare*)—Perennial, 2 ft. 10c. per pkt.; 35c. per oz.; \$3.50 per lb.

**LAVENDER** (*Lavendula Spica*)—Perennial, 2 ft. 10c. per pkt.; 35c. per oz.; \$3.50 per lb.

**MARJORAM, SWEET** (*Origanum Marjorana*)—Annual, 1 ft. 10c. per pkt.; 35c. per oz.; \$3.50 per lb.

**ROSEMARY** (*Rosemarinus Officinalis*)—An aromatic herb. 10c. per pkt.

**RUE** (*Ruta Graveolens*)—Perennial, 3 ft. 10c. per pkt.; 35c. per oz.

**SAFFRON**—10c. per pkt.; 35c. per oz.

**SAGE** (*Salvia Officinalis*)—Annual, 1 ft. 10c. per pkt.; 35c. per oz.; \$2.50 per lb.

**SUMMER SAVORY** (*Satureia Hortensia*)—Annual, 1 ft. 10c. per pkt.; 25c. per oz.; \$2.50 per lb.

**THYME, BROAD-LEAVED** (*Thymus Vulgaris*)—Perennial, 1 ft. 10c. per pkt.; 50c. per oz.; \$6.00 per lb.

**WORMWOOD** (*Artemesia Absinthium*)—Perennial. 10c. per pkt.; 35c. per oz.; \$3.00 per lb.

## KALE OR BORECOLE

**GERMAN BLATTERKOHL, ITALIAN CAVOLA VERDE, POLISH SOLANKA**

One ounce will produce about 2000 plants.

Kale or borecole may be grown in almost any soil but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe, this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

**GREEN CURLED SCOTCH**—A rather dwarf variety, growing about eighteen inches in height, but spreading under good cultivation to three feet in diameter. Leaves of a bright green beautifully curved. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**DWARF GERMAN GREEN**—10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.



German Green Curled Kale

**SIBERIAN CURLED**—This variety grows a little larger and coarser than the preceding. The leaves are not so deeply curled, and are of a bluish-green color. Very hardy. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**SPROUTS**—See Collards

**SEA KALE**—See page 26.

## KOHL-RABI

**GERMAN KNOLLKOHL, ITALIAN CAROLO RAPA, POLISH KALAREPA**

One ounce will produce about 2000 plants.

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seed in rows in April to July, according to the latitude. In this district we sow through May for succession, in rows eighteen inches apart, thinning out to eight inches between the plants. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from the seed and thin out where it stands, although when the weather is favorable, the thinning may be planted at the distance above named.

## White Vienna

**EARLY WHITE VIENNA**—Flesh white and tender. The best market sort. Excellent for table use. 10c. per pkt.; 20c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

**EARLY PURPLE VIENNA**—Different from the above in color, which is of a bluish-purple. 10c. per pkt.; 20c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

## LEEK

**GERMAN LAUCH, ITALIAN PORRO, POLISH PORY**  
One ounce will sow a drill of about 100 feet.

The Leek is very hardy and easily cultivated. It succeeds best in light, but well enriched soil. Sow as early in Spring as practicable in drills one inch deep and one foot apart. When six to eight inches high, they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck being covered, may be blanched. If fine Leeks are desired, the ground can hardly be made too rich.

**LARGE AMERICAN FLAG**—A favorite market variety. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

**GIANT MUSSELBURG**—A hardy sort. Leaves fan-shape, dark green. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.



American Flag

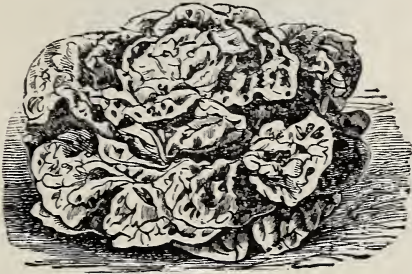


## LETTUCE

GERMAN SALAD, ITALIAN LETTUGA,  
POLISH SALATA

One ounce will sow about 100-foot row.

The cultivation of Lettuce is universal by all who have gardens, and from its tractable nature and freedom from nearly all insects and disease, it is manageable in the hands of everyone. For main early crop, seed may be sown in the open ground, middle of September, and transplanted to cold-frames as soon as large enough to handle, being wintered over in the same manner as early Cabbage, in dry, well sheltered spots, by covering up with leaves or litter, late in the season. Lettuce plants may be saved over Winter, without glass covering, in southern parts of the country without difficulty. The plants for setting out in the Spring are also sown in cold-frames in February and in hot-beds in March, and by carefully covering up at nights, makes plants to set out in April; but these are never so good as those wintered over. For successive crops, sowings may be made in the open ground as early as Spring opens, until July.



Wayahead

**WAYAHEAD**—Quality very fine, heads firm, excellent for both cold frames and open ground. It is the surest header of all lettuce. It will stand longer than any other lettuce before going to seed. 10c. per pkt.; 20c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.



Big Boston

**MAY KING**—An early hardy lettuce. One of the best varieties to plant in Fall for under-glass or early Spring forcing. Heads large and solid; of light green color; close outer leaves; one of the best market sorts. 10c. per pkt.; 20c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**BIG BOSTON**—This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but it is double the size. It is about a week later in maturing, but its solidity and greater size of head will make it a most desirable sort, a most desirable variety either for forcing or open-ground planting. 10c. per pkt.; 20c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**EARLY CURLED SILESIA**—This variety, properly speaking, does not head but forms a compact, close mass of leaves. The earliest and leading market sort. 5c per pkt.; 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.



Simpson, Black Seeded Curled



May King

**SIMPSON, BLACK SEEDS CURLED**—Large, loose curly head, light color, good early sort. 10c. per pkt.; 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**GRAND RAPIDS CURLED**—A famous shipping lettuce. Loose, curly-headed, foreign sort. 10c. per pkt.; 20c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**LARGE NEW YORK or LOS ANGELES WONDERFUL**—It is of unusual size and solidity of head, mostly as solid as an early Summer Cabbage, which in general form it somewhat resembles. The variety blanches itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. It is not a forcing variety, but is one of the best for Summer use ever introduced. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

**ROMAINE or PARIS WHITE COS**—Forms long, upright heads of narrow leaves, which are crisp and refreshing; withstands the summer heat. 10c. per pkt.; 20c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**ICEBERG**—A large hard-heading curled variety, very crisp. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**SALAMANDER**—The Salamander is the best variety for Summer use, forming good-sized, compact heads. Color, light green outside, and white on the inside. Its great merit, however, is that it will withstand drought and heat, and remain longer in head than any other variety. 10c. per pkt.; 20c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

## MANGEL-WURZEL OR CATTLE BEETS

See Under Head of Beets

## MUSKMELON

GERMAN ZUCKER MELONE, ITALIAN POPONE,  
POLISH MELON

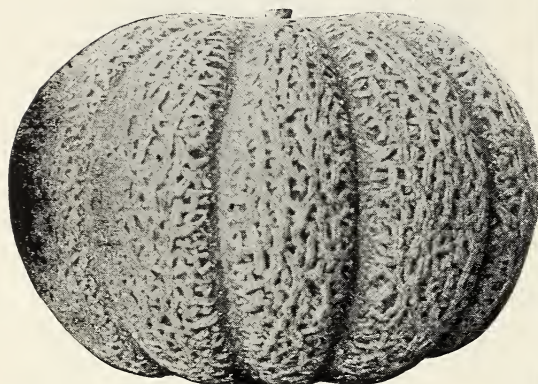
One ounce will plant about 75 hills, two pounds will plant an acre.

Melons thrive best in moderately enriched light soil. The hills should be six feet apart each way. Previous to planting, incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. Plant out fifteen seeds in each hill early in May, and when well up, thin out to three or four of the most promising. Pinch off the leading shoots as the growth becomes to luxuriant, and if the fruit sets out numerously; thin out when young, which will increase the size of those remaining and cause them to ripen quicker.





Extra Early Knight or Sugar Sweet



Fordhook

**HEART OF GOLD or HOODOO**—Midseason, flesh thick deep salmon color, of high quality, fruit medium sizes, round. Tendency to heart shape, gray netted well ribbed. 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**EXTRA EARLY KNIGHT or SUGAR SWEET**—An extremely early medium size melon of the Rockyford type, very

sweet. Color, medium green, closely netted. It is the earliest high quality melon grown in the northern states. 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**FORDHOOK**—Orange flesh roughly netted, the flesh very thick, resembles Jenny Lind in shape. Very strong, vigorous grower, branching frequently setting five to nine melons close to hill. 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.



Hackensack or Turk's Cap

**ROCKY FORD**—Nutmeg shape, small to medium, in size, pale green, finely netted, flesh green, quality very fine. 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**PAUL ROSE or OSAGE**—This salmon-fleshed Musk Melon surpasses anything yet introduced. The color is of a beautiful netted gray underlaid by dark green rind; the flavor is delicious; flesh, salmon, very thick and extraordinarily sweet, size of the Netted Gem. 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**JENNY LIND**—True. The earliest of the Musk Melon. Of small size, but the sweetest in flavor. 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

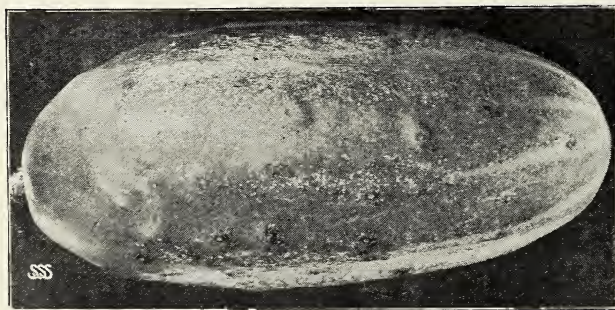
**EXTRA EARLY HACKENSACK**—A week to ten days earlier than the old Hackensack. Small foliage. Profitable for market. Most in demand in New York and eastern markets. 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**HACKENSACK or TURK'S CAP**—The most popular variety of Musk Melon grown by New York market gardeners. It attains a large size, is round in shape, flattened at the ends, is of a most delicious flavor, and wonderfully productive. 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**CITRON :Preserve**—A round, handsome fruit of small size, used in making sweet-meats and preserves. 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

## WATERMELONS

German Wasser-Melone, Italian Melone B'aquea, Polish Melon Wodny



Long Light Icing or Gray Monarch

Cultivate exactly as for Musk Melon, except that the hills should be just double the distance apart, namely, eight and ten feet.

**KLECKLEY'S SWEET**—Most popular Melon for home market. Medium size, oblong; dark green color; flesh, bright scarlet; solid heart; crisp, sugary, and entirely free from stringiness. 5c. per pkt.; 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**TOM WATSON**—Large oblong melon, dark green skin, with thick netting; rind thin, tough; flesh, bright red; very

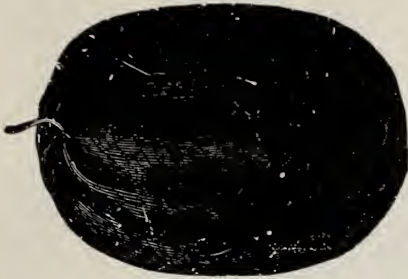
sweet. 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**DIXIE**—Large, dark rind Melon, oblong; quality good, an excellent market sort. 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**LONG LIGHT ICING or GRAY MONARCH**—A very large, long, light rind Melon; flesh, crimson. 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**CUBAN QUEEN**—A Melon of mammoth size, reaching over 60 lbs. in weight. The quality is equal to the best of any of the sorts. 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.





Halbert Honey

**HALBERT HONEY**—Shape oblong; dark green rind; flesh, crimson and very sweet. Medium early, similar to Kkeckley Sweet, seed white. 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**MOUNTAIN SWEET**—Fruit oblong, dark green; rind thin; flesh red, solid and very sweet. 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**ICING, DARK GREEN RIND**—Shape, size and flavor same as Light Icing, but dark skin. 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**COLE'S EARLY**—Very hardy; sure cropper. Flesh dark red, delicate and extremely sweet; medium size nearly round; rind green, striped with light shades. 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**ICING, LIGHT GREEN RING**—One of the sweetest of all Melons. Always of good flavor, rind very thin; unexcelled in all good qualities. Round in shape. 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**KOLB'S GEM**—A new, chunky, dark-seeded Melon. Quality good. Very showy and an excellent shipper. 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**SWEET HEART**—One of the best market Melons—Flesh bright red, solid and very tender, melting and sweet. The Melons retain their good quality for a long time after ripening. 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**ICE CREAM**—White seeded true. Fruit of medium size, nearly round, skin pale green, rind very thin; flesh scarlet, solid, crisp and delicious. 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.



Sweet Heart

## MUSHROOM SPAWN

GERMAN SCHWAMM,<sup>1</sup> ITALIAN FLINGO PRALAZO  
POLISH GRYZB

One brick will spawn ten square feet.

Mushrooms may be cultivated much easier than is generally supposed. They can be grown in a cellar or shed or in beds prepared in the open air same as hot-beds. Take fresh horse manure, shake it well apart and lay it in a heap to ferment, turn and mix it well every three or four days by shaking the outside of the heap, which is cold, and the inside, which is hot, together, so that every part of it may be equally fermented and deprived of its noxious qualities. When the dung is in a fit state to be made into a bed, which will be from two to three weeks after it has been put together to ferment, select a dry spot for a foundation, mark out the bed, which should be four



American Spawn

feet wide and as long as you may choose to make it. In forming the bed mix the dung well together, beating it down with a fork until from 18 to 24 inches thick. In this State it may remain until the temperature is sufficiently moderate for spawning, which may be ascertained by trial sticks thrust in different parts of the bed.

Divide the large cakes of Spawn into small lumps, plant them two inches below the surface and six inches apart, covering with two inches of fine, light soil, and press down evenly. When finished, cover the bed three inches thick with clean straw and protect from heavy rains. The mushrooms will make their appearance in from four to six weeks, according to the season. Special pamphlet furnished on application.

**AMERICAN SPAWN**—Pure culture. 35c. per brick.

## MUSTARD

One ounce will sow a 100-foot row.

A pungent salad, used sometimes with cress. Sow thickly in rows and cut when about two inches high. For use during Winter it may be sown at intervals in boxes in the greenhouse or in a frame. For a crop of seed sow in April, in drills a foot apart, and thin out moderately when about three inches high.

**OSTRICH PLUME**—Leaves double curled, dark green which curve outward like a fine Ostrich Plume. 5c. per pkt. 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**WHITE LONDON**—Best for salad. 5c. per oz.; 15c. per  $\frac{1}{4}$  lb.; 50c. per lb.

**BROWN OR BLACK**—More pungent in flavor than the white. 5c. per oz.; 15c. per  $\frac{1}{4}$  lb.; 50c. per lb.

## NASTURTIUM OR INDIAN CRESS

One ounce will sow 25-foot row.

The seeds, while young and succulent, are pickled and used as capers. The plants are also highly ornamental; the tall variety makes an excellent screen or covering for unsightly places in the garden.

**TALL NASTURTIUM**—Choice colors. 10c. per pkt.; 15c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**DWARF NASTURTIUM**—Choice colors. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

## OKRA OR GUMBO



Long Green



## GERMAN OCHER, ITALIAN OCRA, POLISH GUMBA

One ounce will plant 50 hills or 75-foot drill.

This vegetable is extensively grown in the Southern States. Its long pods when young, are used in soups, stews, etc., and are believed to be very nutritious. It is of easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants from two to three feet apart.

**IMPROVED DWARF GARDEN**—Early and productive. 10c. per pkt.; 15c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**LONG GREEN**—Long ribbed pods. 10c. per pkt.; 15c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

## ONION

## GERMAN ZWIEBEL, ITALIAN CIPOLLO, POLISH CEBULA

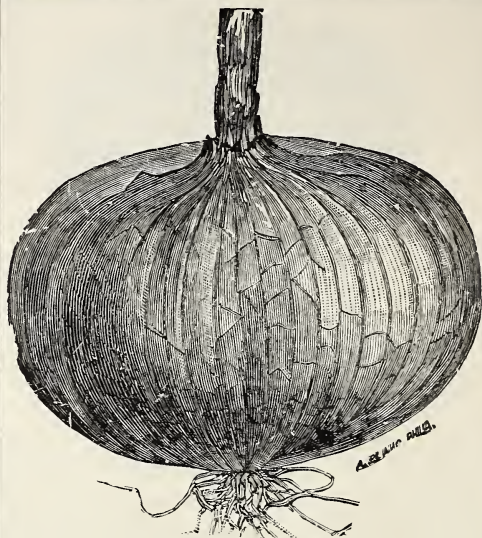
One ounce will plant 50 hills or 75-foot drill. Five pounds will sow an acre for growing Large Onions. 50 to 60 pounds per acre for growing sets.

The Onion thrives best in a rather strong, deep, rich loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous Autumn, and laid up in ridges during Winter to soften. As early in Spring as the ground is in working order, commence operations by leveling the ground with a rake and read it firmly; sow thinly in drills about a quarter of an inch deep and one foot apart cover with fine soil and press down with the back of a spade or a light roller.

When the young plants are strong enough, thin gradually, so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply or to collect it about the growing bulbs.

**AILSA CRAIG**—The largest of all straw-yellow onions. It is globe shaped, slightly pointed at top and base. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

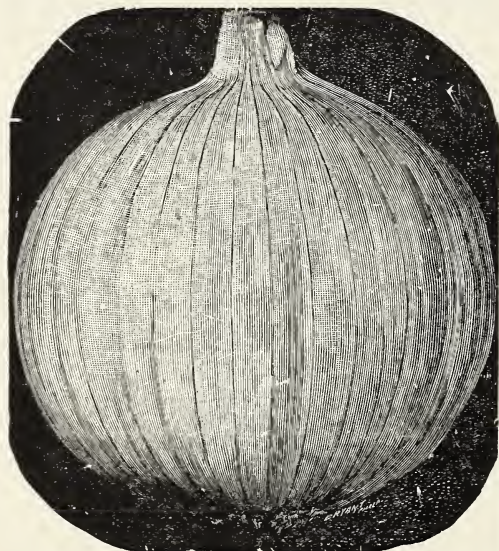
**EXTRA EARLY RED**—The earliest Red Onion, fine keepers. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.



Early Prizetaker



Southport Yellow Globe



Southport Red Globe

**EARLY PRIZETAKER**—This Onion grows uniform in shape of a nearly perfect globe, with thin skin, of a clean, bright straw color. It is of immense size, measuring from twelve to sixteen inches in circumference while under special cultivation, specimens have been raised to weigh from four to six pounds. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$1.75 per lb.

**SOUTHPORT WHITE GLOBE**—A handsome globular Onion of mild flavor and a good keeper; one of the very best 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

**OHIO YELLOW GLOBE**—Rich orange in color; large, globe shape; flat bottom. Large yielder; also good keeper. One of the best market sort. 10c. per pkt.; 20c. per oz.; 65c. per  $\frac{1}{4}$  lb.; \$1.65 per lb.

**SOUTHPORT RED GLOBE**—Differs from the Southport Yellow Globe only in color. 10c. per pkt.; 20c. per oz.; 65c. per  $\frac{1}{4}$  lb.; \$1.75 per lb.

**JAPANESE or EBENEZER**—Yellow Onion that will keep all winter. Of mild, pleasant flavor, of large size, a good early set onion. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.25 per lb.

**YELLOW GLOBE DANVERS**—An excellent variety, fine flavored and very productive. Ripens early and is a good keeper. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**WHITE PORTUGAL or SILVER SKIN**—A handsome Onion, of mild flavor, and a good keeper. Extensively grown for pickling. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

**WEATHERSFIELD LARGE RED**—The staple variety of the Eastern Onion growers. Of large size, deep in color, and excellent keeper. 10c. per pkt.; 25c. per oz.; 65c. per  $\frac{1}{4}$  lb.; \$1.75 per lb.



**SOUTHPORT YELLOW GLOBE**—A favorite Yellow Globe variety in the market of New York and Boston. Solid and a good keeper. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**YELLOW DUTCH or STRASBURG**—One of the oldest varieties. The "Silver Skin" of the Eastern States. A good keeper and well flavored. 10c. per pkt.; 25c. per oz.; 60c. per  $\frac{1}{4}$  lb.; \$1.45 per lb.

## ONION SETS, EXTRA FINE

Subject to Market Fluctuation

Thirty-two pounds standard weight to a bushel of onion sets.

Yellow—20c. per lb.; 16c. per lb., in 32-lb. lots.

Red—25c. per lb.; 18c. per lb., in 32-lb. lots.

White—25c. per lb.; 18c. per lb., in 32-lb. lots.

## PARSLEY

GERMAN PETERSILIE, ITALIAN PREZZEMOLO,  
POLISH PIETRUSKA

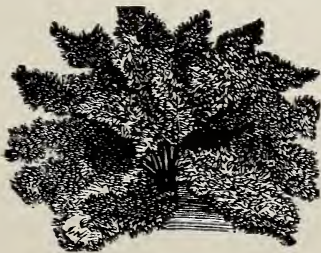
One ounce will sow 125-foot row.

Parsley succeeds best in rich, mellow soil. As the seeds germinate very slowly, there are four weeks elapsing sometimes before it makes its appearance; it should be sown early in Spring, previously soaking the seeds a few hours in tepid water. Sow thickly in rows a foot apart and a half-inch deep. For Winter use protect in a frame or light cellar.



Champion Moss Curled

**CHAMPION MOSS CURLED**—A very select stock beautifully crimped and curled. 5c. per pkt.; 15c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.



Double Curled

**HAMBURG, or TURNIP ROOTED**—The edible roots resemble a small parsnip and it is esteemed for flavoring soups, stews, etc. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**DOUBLE CURLED**—A fine dwarf variety, beautifully curled. Excellent for garnishing. 5c. per pkt.; 15c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**PLAIN PARSLEY**—The leaves of this sort are plain; it is harder than the curled variety; good for flavoring. 5c. per pkt.; 15c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

## PARSNIPS

GERMAN PASTINAKE, ITALIAN PASITINCA, POLISH PASTERNAK

One ounce will sow 100-foot drill. Five pounds will sow an acre.

Sow as early in the Spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in the rows. Unlike Carrots they are improved by frosts and it is usual to take up in the Fall a certain quantity for Winter use, leaving the rest in the ground until Spring, to be dug up as required.



Long Smooth or Hollow Crown

**LONG SMOOTH or HOLLOW CROWN**—Best for general use. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**THE STUDENT**—A fine flavored variety. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**GUERNSEY**—Half-long; becoming very popular. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 75c. per lb.

## PEAS

GERMAN ERBSEN, ITALIAN PISELLO, POLISH BROCH

60 pounds to the bushel for Round Smooth Sorts, 56 lbs. for the wrinkled sorts.

One pound will plant about 50-foot row, 60 to 80 pounds will plant an acre.

Peas come earliest to maturity in light, rich soil. For general crops a deep rich loam or a strong inclination to clay is best. For early crops, decomposed leaves or leafmold should be used; or, if the soil is very poor, stronger manure may be employed. For general crops, a good dressing should be applied, and for the dwarf-growing kinds the soil can hardly be too rich. When grown as a market crop, Peas are never staked, and are sown in single rows, two or three inches deep and from three to four feet apart, according to the variety or the strength of the soil. When grown in small quantities, for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties are staked up by brush. For an early crop, sow in March, as soon as the ground can be worked, and make repeated sowings every two weeks for succession. After the first of June, sowing should be discontinued until the middle of August, when a good crop can sometimes be secured by sowing an early sort.

**WORLD'S RECORD**—An improved type of Gradus. Very productive.  $2\frac{1}{2}$  ft. high. 25c per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**EARLY ALASKA**—A green seeded extra early Pea. Very desirable. Green, smooth Pea. 10c. per  $\frac{1}{4}$  lb.; 25c. pr lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.



World's Record

**LAXTON'S PROGRESS**—New, of extra quality. Season same as Laxtonin. Vines 20 inches high, pods 4 inches long, dark green, containing 8 large delicious sweet peas. Superior to all other second early Peas for market gardener or private use as well. Try a few of this new introduction. 10c.  $\frac{1}{4}$  lb.; 25c. per lb.; 22c. in 10-lb. lots; 20c. in 100-lb. lots.

**LAXTONIAN**—Vines 18 to 20 inches high, produces an enormous crop of delicious peas just a little later than "Gradus." Vines are vigorous and can withstand adverse weather conditions easier than other large varieties. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., lots 20c. per lb.; 100 lbs., 18c. per lb.

**EARLY THOMAS LAXTON**—This fine early Pea was raised by crossing "Gradus" (Prosperity) with a very early seeding of the "Earliest of All" type. It is a wrinkled marrow with a good constitution. In earliness it is within a day or two of "Earliest of All," but pods contain on the average of 7 to 8 very large peas of the richest flavor. The height is from 3 to  $3\frac{1}{2}$  feet. As a first early we consider this is the Finest Early Pea ever introduced. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., lots 20c. per lb.; 100 lbs., lots 18c. per lb.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

Use Stimugerm on Peas before planting for Vigorous growth.

**LITTLE MARVEL**—A new dwarf first early Pea. Good market garden variety, vine averages 15 inches in height, pods  $3\frac{1}{2}$  inches in length, frequently borne in a pair, and contain from 6 to 7 large dark green peas which remain in good eatable shape for a week later than most other varieties. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

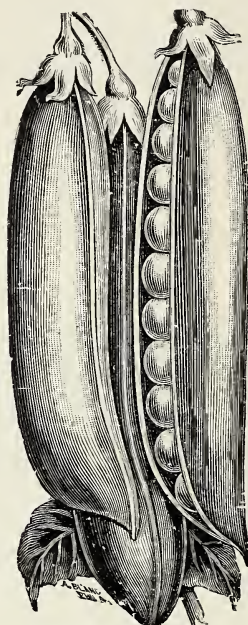
**BLUE BANTAM**—Extra early dwarf wrinkle Pea. Averages 15 inches high, bears enormous crops, pods deep bluish green, pods  $4\frac{1}{2}$  inches long, bear 8 to 10 peas. Pods twice the size

of American Wonder and ready to pick at same time. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**EARLY NOTT'S EXCELSIOR**—Extra early dwarf wrinkled Pea. Ready for table in 40 to 50 days from planting. It grows 16 inches high, about half as tall again as American Wonder. Its even, regular habit is a great advantage to the market gardeners. This variety has come to stay, owing to its superior advantages over all other sorts. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**EARLY GRADUS OR PROSPERITY**—A first early Wrinkled Pea, very hardy, vigorous grower,  $2\frac{1}{2}$  feet high; pods very large and well filled; six to eight large Sweet Peas in a pod. The great value of Gradus is in its earliness. It is in the market four days after the first early. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**EARLY FIRST OF ALL**—A very early and productive variety, resembling the Philadelphia Extra Early; white, smooth Pea. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$1.80; 100 lbs., \$17.00.



Sutton's Excelsior

**SUTTON'S EXCELSIOR**—Resembles Nott's Excelsior, but has longer and broader pods of a light green color. 15 inches tall, very fine for market gardeners. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**SECOND EARLY SHARP'S QUEEN**—This variety is one of the few really fine Peas that resist the long droughts which we sometimes experience. The Peas are large oval, deep green, wrinkled, and of a delicious flavor when cooked. It is green, wrinkled, main crop variety, growing to about 2 to  $2\frac{1}{2}$  feet in height, and stands well under the scorching rays of the sun. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

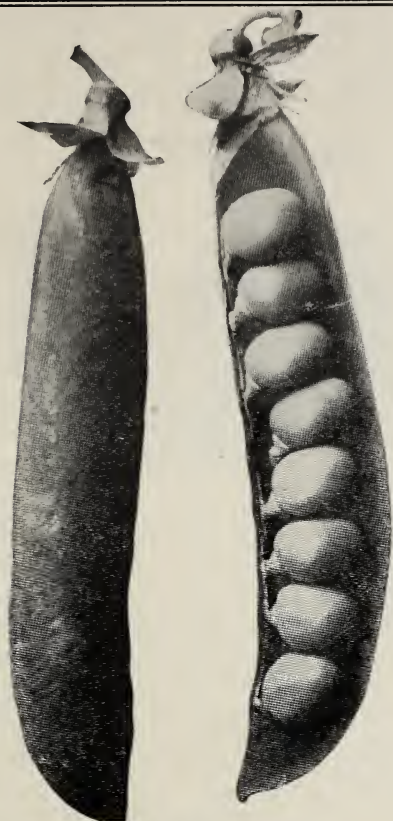
**SECOND EARLY McLEAN'S LITTLE GEM**—A dwarf, green, wrinkled marrow; very prolific; of a superior flavor; and a second early; 1 foot. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00.

**SUTTON'S PERFECTION**—Immensely productive main crop pea. Vine,  $2\frac{1}{2}$  feet high; sturdy deep green in color; pods,  $4\frac{1}{2}$  inches long; broad and pointed containing 8 to 9 very large sweet and bright Green Peas; good market sort. 25c. per lb.; 10 lbs., \$2.00; \$18.00 per 100 lbs.

**POTLATCH**—A splendid large podded variety of the Stratagem type; height, 2 feet. Large pods, broad and well filled with 8 to 10 Sweet Peas of light green color. 25c. per lb.; 10 lbs., \$2.20; \$18.00 per 100 lbs.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**





Laxton's Progress "New"

### For General Late Crops

**ADMIRAL DEWEY**—This variety is without doubt the largest podded Pea we know of. Beautifully shaped, dark green pods, and peas of high-class flavor; green wrinkled; a good grower and bearer; height,  $3\frac{1}{2}$  feet. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**DUKE OF ALBANY**—Late, remarkably hardy in growth, producing pods of large size, well filled with large peas of good quality, green, wrinkled. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**ALDERMAN**—A large main crop Pea, tall, producing long, straight, dark green pods 5 to 6 inches long, well filled and of excellent flavor. Vines nearly 5 feet high, exceedingly productive. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**STRATAGEM IMPROVED "FERRY STRAIN"**—Pea green, wrinkled; 2 feet; vigorous branching habit, under favorable conditions an enormous cropper; pods long; well filled with from eight to eleven Peas of the largest size, of extra fine flavor. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**TALL TELEPHONE**—A very fine late wrinkle pea. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**PRINCE EDWARD**—This variety will produce pods attaining the extraordinary length of 7 inches and upward, closely packed with eleven to thirteen large dark green peas of fine flavor. Plant of branching habit growing 6 feet in height, dark green foliage, will withstand drought and mildew. Pods produced in great profusion, mostly in pairs. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**CARTER'S DAISY or DWARF TELEPHONE**—Possesses the quality of Carter's Telephone, except it grows half less in height. This makes it an exceptional valuable market sort; green, wrinkled. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**CHAMPION OF ENGLAND**—One of the best and most popular Peas in cultivation; green, wrinkled; 4 feet. 10c. per  $\frac{1}{4}$  lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

### FIELD VARIETIES 60 Pounds to a Bushel

#### COW PEAS

Use Stimugerm before planting, for vigorous growth and large yields.

Write for special prices on large quantities. Prices subject to market fluctuation.

**VARIOUS KINDS—COW PEAS MIXED**—For enriching the soil and for hay. 8c. per lb.

**BLACK STANDARD VARIETY**—Runner, 8c. per lb.

**GRAY WHIPPOORWILL**—Upright growth. 8c. per lb.

**MAMMOTH YELLOW SOJA**—6c. per lb.

**WILSON'S BLACK SOJA**—New and extra variety. 6c. per lb.

**CANADA FIELD PEAS**—Sow with oats. Very valuable for green feeding and for hay as well. 8c. per lb.

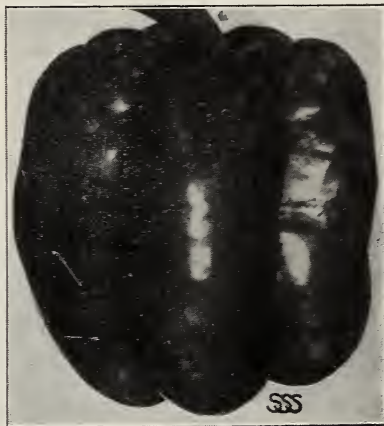
#### PEPPER

**GERMAN PFEFFER, ITALIAN PERERONE, POLISH PIERPRZ**

One ounce will produce 1200 plants.

Grown largely for pickling. Sow in hot-bed early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows, 18 inches apart; between rows, 3 feet.

**CALIFORNIA WONDER, NEW**—Large size, thick flesh, crimson color.  $4\frac{1}{2} \times 5$  inches in size, mild and sweet. 15c. per pkt.; 60c. per oz.; \$2.25 per  $\frac{1}{4}$  lb.; \$8.00 per lb.



Worldbeater

**WORLDBEATER**—New. One of the very best of the large peppers. Fruit 4 lobed, 5 inches long by  $3\frac{1}{2}$  inches in diameter; flesh very thick and mild, exceedingly productive and a good shipper. 10c. per pkt.; 40c. per oz.; \$1.25 per  $\frac{1}{4}$  lb.; \$4.50 per lb.

**LARGE SQUASH**—Hot Pepper, medium size, flat tomato shaped. 10c. per pkt.; 40c. per oz.; \$1.25 per  $\frac{1}{4}$  lb.



Sweet Golden Dawn



**HARRIS EARLY GIANT**—The earliest large pepper known. Plants dwarf and compact. Fruit abundant, mild and sweet. 10c. per pkt.; 40c. per oz.; \$1.25 per  $\frac{1}{4}$  lb.

**PIMIENTO**—Sweet variety, uniformly shaped. Green fruit, changing to red when ripe. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**NEAPOLITAN SWEET ITALIAN**—Something extra fine. Large fruit, red color; sweet. Ripens earlier than Ruby King. Good cropper. 10c. per pkt.; 35c. per oz.; \$1.00. per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**CHINESE GIANT**—The largest Pepper known. Its mammoth size, splendid shape, beautiful rich glossy flesh, mild flavor and enormous productiveness commend it as one of the best market varieties ever introduced. 15c. per pkt.; 50c. per oz.; \$2.00 per  $\frac{1}{4}$  lb.; \$6.00 per lb.

**RUBY KING**—An exceedingly large and handsome Pepper; the fruits are of a bright ruby red. From  $4\frac{1}{2}$  to 6 inches long by  $3\frac{1}{4}$  to 4 inches in diameter, which makes it one of the largest of Peppers. The flavor is remarkably mild, and it can be sliced and eaten with pepper and vinegar like tomatoes and cucumbers, or it can be used as a salad. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**HOT BULL NOSE**—An early variety, of sharp flavor, rind thick and fleshy; color, brilliant red; shape, oblong. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**SWEET GOLDEN DAWN**—Sweet, mild yellow Pepper, shaped like Bull Nose. 15c. per pkt.; 50c. per oz.;  $\frac{1}{4}$  lb. \$1.75

**HUNGARIAN WAX OR RAINBOW**—15c. per pkt.; 50c. per oz.; \$1.75 per  $\frac{1}{4}$  lb.

**GOLDEN QUEEN**—One of the largest Yellows resembling Ruby King in size. 15c. per pkt.; 50c. per oz.; \$1.75 per  $\frac{1}{4}$  lb.

**SWEET MOUNTAIN OR MAMMOTH**—Similar to the Bull Nose in shape and color, but larger and milder in flavor. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**LONG RED CAYENNE**—Fruit brilliant coral red; conical; from 3 to 4 inches in length; very productive. 10c. per pkt.; 40c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.



Ruby Giant

**RUBY GIANT**—A variety which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant; grows to large size and is very mild. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

## PEPPER PLANTS

### READY MAY FIRST

Prices subject to fluctuation.

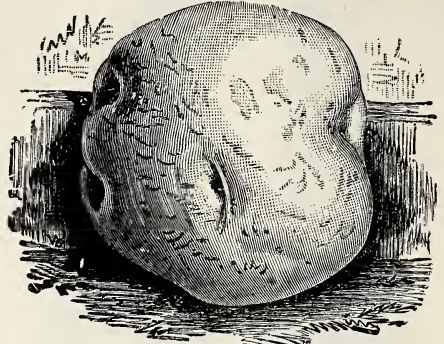
**RUBY KING, MOUNTAIN SWEET, PIMIENTO AND CAYENNE**—Out of seed-bed. 10c. per doz.; 75c. per 100. Transplanted plants, 25c. per doz.; \$1.50 per 100.

## POTATO

8 to 12 bushels will plant an acre, according to the kind of machine used, also distances planted.

The Potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to a disease, and the flavor is much inferior. In breaking up good pasture land, the decaying sods answer sufficiently well for the first year in lieu of manure.

Manure is applied either in rows or hills, or broadcast over the ground, and plowed in—the latter, in most cases, being preferable. If the soil is good, but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry, or absorbent nature. Plant as early in Spring



Irish Cobblers

as the ground can be had in fair working order, in hills or ridges about 3 feet apart, covering in light, warm soil, about 4 inches deep, but in cold, wet situations, 2 or 3 inches will be sufficient. Prices subject to Variation.

### 60 Pounds to a Bushel.

Treat Seed with Semesan Bel before planting

Special prices given on large quantities.

We handle Maine-Grown Seed Potatoes only. Seed stock grown in Maine is far superior to that grown in any other State.

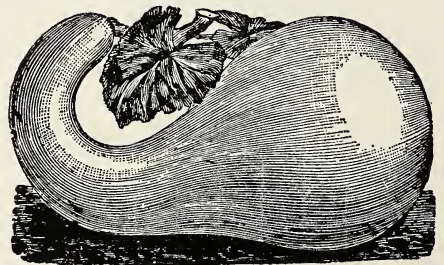
**IRISH COBBLER**—Early, round, chunky, 85-day sort. Quality of the finest; popular for home market. 85c. per peck; \$3.00 per bushel; \$6.50 per sack of 150 pounds.

**GREEN MOUNTAIN**—Shape, oval; white skin, big cropper and splendid cooker. 85c. per peck; \$3.00 per bushel; \$6.50 per 150 pound sack.

## PUMPKIN

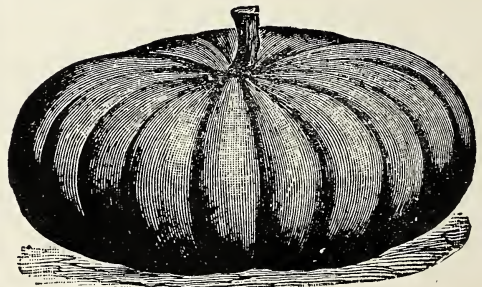
GERMAN KURBISS, ITALIAN ZUCCA, POLISH BANIA

One pound will plant 250 hills.



Cushaw Crookneck

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first in May, in hills 8 feet apart.



Large Cheese



**LARGE CHEESE**—The best variety for cooking or pie purposes. 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**CONNECTICUT FIELD**—Very productive; largely grown for feeding stock. 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 60c. per lb.

**KING OF THE MAMMOTH**—Grows to immense size, often weighing over one hundred pounds. 10c. per pkt.; 25c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**WINTER LUXURY**—It grows uniformly to a diameter of 10 to 12 inches, and is enormously productive. It is a beautiful golden yellow, finely and closely netted, like a netted Musk Melon. As a winter keeper and cooking variety it stands unexcelled and is one of the very best for either home use or market. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**CUSHAW CROOKNECK**—A good all-around pumpkin 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**SWEET POTATO TENNESSEE**—Buff yellow skin, medium size oblong fruit. Flavor resembles mashed sweet potatoes 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

## RADISH

GERMAN RADIES, ITALIAN RAVANELLO, POLISH RZODKIEW

One cunce will sow 100 feet of drill.

Radishes thrive best in a light rich, sandy loam. For a successive crop supply sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a gentle hot-bed in February.

**THE EARLIEST or SAXA**—Excellent for forcing. Matures in 17 days. Color, red. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**EARLY SCARLET GLOBE**—An excellent forcer. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**EARLY SCARLET WHITE TIP**—Sc rapid in growth as to develop in 20 days. Grows round and very symmetrical and uniform in shape; color, a bright scarlet, white tip. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**CRIMSON GIANT TURNIP**—Will grow to an unusually large size. It is always tender, crisp and of mild flavor. It remains in perfect condition for a long time. Color, a beautiful crimson. It will force well, but is especially adapted for outdoor growing. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

**CHARTIER or LONG ROSE**—Decidedly distinct in appearance from any radish in cultivation. The color at the top is crimson, running into pink about the middle and from thence downward it is pure waxy white. It will attain a very large size before it becomes unfit for table. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

**EARLY WHITE BOX or WHITE TURNIP**—It is perfectly round, smooth skin, pure white, free from all sharpness or bitterness. A remarkably quick grower with small top. For forcing it is in every way superior. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**EARLY LONG WHITE ICICLE**—The flavor of this new sort is very mild, and it is invaluable for slicing. The top is short; flesh very crisp and tender; very attractive when

bunched. It matures in 40 days from time of sowing the seed, and remains in prime condition for eating for fully two weeks. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**EARLY LONG SCARLET SHORT TOP**—The standard variety for market and private gardens. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**EARLY SCARLET TURNIP**—Very delicate in flavor; one of the best early sorts. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**FRENCH BREAKFAST**—A variety of quick growth; very mild and tender. 10c. per pkt.; 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**LONG PINK or LADY FINGER**—Like the white, only differs in color. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**LONG WHITE VIENNA or LADY FINGER**—This is the finest Long White Radish in cultivation, most beautiful in shape; skin and flesh are pure snow white, crisp and of rapid growth. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

**STRASBURG WHITE**—Suitable for market and private gardens. It is of the tapering shape; both skin and flesh white. It is an excellent Summer variety; being tender and crisp and of fine flavor and a quick grower. 10c. per pkt. 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.



Icicle

**ROSE CHINA WINTER**—Bright rose color; flesh firm and piquant. Excellent for Winter use. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**WHITE SUMMER TURNIP**—Large white; excellent for Summer use; very good market sort. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**BLACK SPANISH LONG**—One of the hardiest and best for Winter use. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

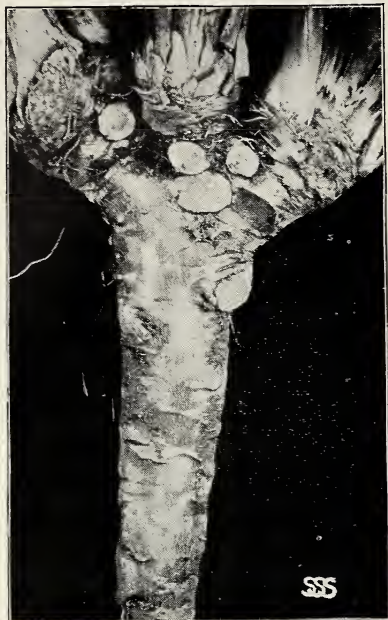
**WHITE SPANISH**—Rather milder in flavor than the preceding. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**BLACK SPANISH ROUND**—Good keeper. 10c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.



The Earlist or Saxa

## HORSE RADISH



Horse Radish—50c. a Dozen Roots

## RHUBARB

**MYATT'S VICTORIA**—Cherry red in color, stalks immense, cook splendidly, are not stringy. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

## SALSIFY OR OYSTER PLANTS

GERMAN HAFERWURZEL, ITALIAN SASSEFRICA, POLISH JARZY OSTNYGA



Salsify or Oyster Plant

One ounce will sow 50 feet of drill.

The Oyster Plant succeeds best in light, well-enriched, mel-low soil which, previous to sowing the seed, should be stirred to a depth of eighteen inches. Sow early in the Spring in drills fifteen inches apart; cover the seed with fine soil an inch and a half in depth and when the plants are strong enough thin out to six inches apart.

**SALSIFY or OYSTER PLANT**—10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

## SEA KALE

One ounce will sow 100 feet of drill.

Cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all Winter by planting the roots closely in a warm cellar before frost. Sow one inch, in drills two feet apart. Thin out to six inches, and the next Spring plant in hills three feet apart. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

## SORREL

**LARGE LEAVED**—Has large leaves, can be cut five or six times, perfectly hardy. Leaves light green, quality very fine and not as broad as Spinach leaves. 10c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.50 per lb.

## SPINACH

GERMAN SPINAT, ITALIAN SPINACE, POLISH SZPINAK

Notice—Owing to market conditions, all prices on Spinach are subject to change without notice.

One ounce will sow 75 feet of drill, eight pounds will sow an acre.

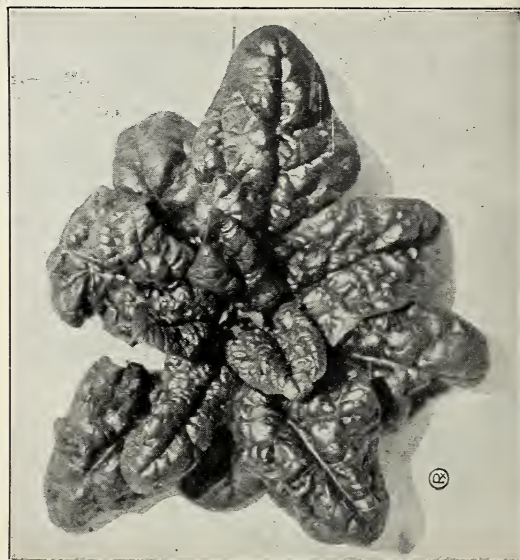
This is a very important crop in our market gardens, it is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use one entire season. The main crop is sown in September. It is sometimes covered up, in exposed places, with straw or salt hay during the Winter, which prevents it from being cut with the frost, but in sheltered fields here, there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed, and most tender and succulent, when grown in rich soil.

**PRINCESS JULIANA**—Leaves large, dark green, crumpled plant rather upright growth, will stand for a long time with out bolting to seed, good second early. 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 35c. per lb.; 5 lbs. for \$1.50.

**KING OF DENMARK**—Leaves are large, round, somewhat crinkly and deep green. Plants grow quickly and vigorously, but will not shoot to seed as quickly as all other sorts. 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 40c. per lb.; 5 lbs. for \$1.75.

**BLOOMSDALE SAVOY GENUINE**—The best market sort. 5c. per pkt.; 10c. per oz.; 15c. per  $\frac{1}{4}$  lb.; 35c. per lb.; 10 lbs., \$3.00; 25 lbs., \$6.25.

**LARGE ROUND THICK-LEAVED VIROFLAY**—A very large quick growing sort, very early spring variety, thick leaves. 5c. per pkt.; 10c. per oz.; 15c. per  $\frac{1}{4}$  lb.; 35c. per lb.; 10 lbs., \$3.00 25-lbs. \$6.25.



King of Denmark

**NORFOLK SAVOY LEAVED**—The leaves are numerous, succulent, curled and wrinkled like a Savoy Cabbage. It produces nearly twice the weight or crop as the ordinary sorts, and is also the hardest of all the varieties of Spinach. 5c. per pkt.; 10c. per oz.; 15c. per  $\frac{1}{4}$  lb.; 35c. per lb.; 10-lb. lots, \$3.00; 25-lb. lots, \$6.25.

**VICTORIA**—Leaves extra dark, black-green color. One of the best Winter sorts. 5c. per pkt.; 10c. per oz.; 15c. per  $\frac{1}{4}$  lb.; 35c. per lb.

**NEW ZEALAND**—This variety endures heat and is the best for summer growing. 5c. per pkt.; 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

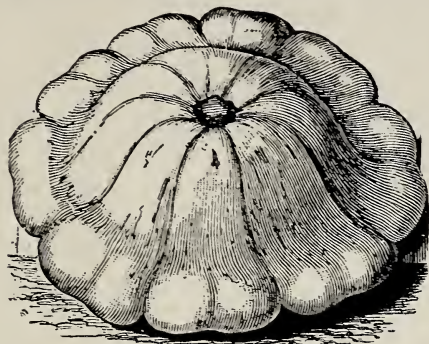


**LONG STANDING or ALL SEASON**—Leaves large, thick and crumpled, with a fleshy appearance, hardy, and one of the best varieties for autumn and spring sowing. 5c. per pkt.; 10c. per oz.; 15c. per  $\frac{1}{4}$  lb.; 35c. per lb.; 10 lb. lots, \$2.80; 25-lb. lots, \$6.25.

**SPROUTS** see **COLLARDS**

### SQUASH

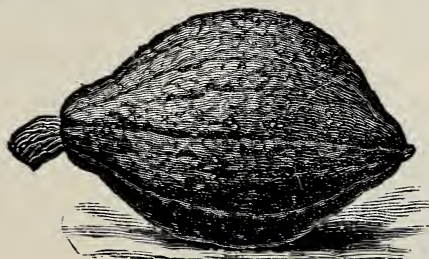
**GERMAN FISCH-KURBISS, ITALIAN ZUCCA, POLISH MIEKURZ**



White Bush

Among Early Bush Sorts one ounce of seed will plant 50 hills one ounce of Trailing Varieties, 20 hills.

Squashes are of luxuriant and vigorous growth, and although they will grow readily on almost any soil, they will well repay generous treatment. Like all vegetables of this class, it is useless to sow until the weather has become settled and warm. Light soils are best suited for their growth, and it is most economical of manure to prepare hills for the seeds in ordinary manner by incorporating two or three shovelfuls of well-rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts, from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.



Chicago Warty Hubbard

**CHICAGO WARTED HUBBARD**—Fruit larger and more heavily warted than the regular Hubbard. 10c. per pkt.; 25c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

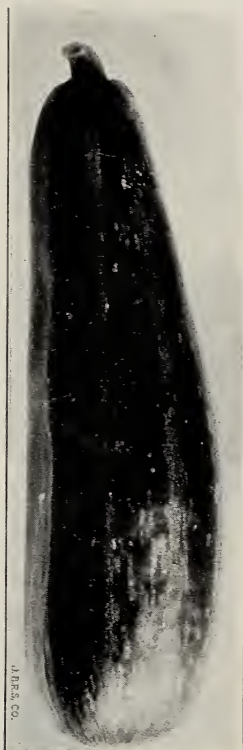
**BLUE HUBBARD**—A very large squash of the Hubbard shape, but the color is blue-gray; flesh, bright orange and sweet, and a long keeper. 10c. per pkt.; 25c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**WHITE BUSH SCALLOPED**—An early market variety; excellent for shipping. 5c. per pkt.; 15c. per oz.; 35c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.

**HUBBARD**—A general favorite and more largely grown as a late sort than any other; of large size; flesh fine grained, dry and of excellent flavor. 10c. per pkt.; 20c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**BUSH SUMMER STRAIGHT-NECK**—Same color and quality as Yellow Summer Crook-Neck. 15c. per pkt.; 25c. per oz.; 75c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

**BUSH SUMMER CROOK-NECK**—Early productive and of good quality; fruit orange-yellow, covered with warty excrescences. 10c. per pkt.; 15c. per oz.; 40c. per  $\frac{1}{4}$  lb.; \$1.25 per lb.



Italian Vegetable Marrow



Bush Summer Crook-Neck

**BOSTON MARROW**—A much-esteemed variety, coming about ten days later than the bush sorts; a good keeper, and of unsurpassed flavor. 10c. per pkt.; 15c. per oz.; 30c. per  $\frac{1}{4}$  lb.; \$1.00 per lb.

**MAMMOTH CHILL**—Grows to large size, often weighing over two hundred pounds. Excellent for all uses. 10c. per pkt.; 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**GOLDEN CUSTARD**—It is yellow in color and excellent fine flavor; grows to good size, and of a very fine quality; very productive and of a bushy nature. 10c. per pkt.; 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

**ITALIAN VEGETABLE MARROW**—Long greenish-white variety, very sweet and tender; fine for cooking. 10c. per pkt.; 15c. per oz.; 50c. per  $\frac{1}{4}$  lb.; \$1.50 per lb.

### SWISS CHARD

**GERMAN BEISSKOHL, ITALIAN BIETA, POLISH BURAKI SPINACH**

**GIANT LUCULLUS**—Crinkly leaf, tall growing variety. Enormous yielder. Culture same as beet. 5c. per pkt.; 10c. per oz.; 35c. per  $\frac{1}{4}$  lb.; 90c. per lb.

### TOBACCO SEED

**IMPORTED HAVANA**—10c. per pkt. 40c. per oz.; \$3.50 1 lb

### TOMATO

**GERMAN LIEBESAPFEL, ITALIAN POMODORO, POLISH POMIDOR**

One ounce will produce about 1200 plants.

This delicious vegetable is one of the most important of all garden products. The seed should be sown in a hot-bed, about the first of March, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be set out four to five inches apart, in another hot-bed, or removed into small pots, allowing a single plant to a pot. They are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot and placing it in a sunny window of the room or kitchen.

**SPARKS' EARLIANA IMPROVED**—The earliest smooth Red Tomato of good size and flavor now in cultivation. It is a very compact grower and consequently can be planted one-

third closer than any other early sort. If you grow early Tomatoes don't miss planting it. 10c. per pkt.; 35c. pr oz.; 90c. per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**EARLIANA D. M. LARGE TYPE IMPROVED**—Fruit one-third larger size than the Sparks' Earliana, very productive and ripens about the same time. It has merit for the market gardener and is worth trying. 10c. per pkt.; 40c. per oz.; \$1.25 per  $\frac{1}{4}$  lb.; \$4.50 per lb.

**MARGLOBE**—This great new Tomato introduced by the U. S. Dept. of Agriculture, through the efforts of Dr. Fred J. Pritchard, of the Bureau of Plant Industry. It is a good grower, producing large quantity of perfect fruit of globular shape of a scarlet color. Ripening up to the stem. Very fleshy of a high quality and of good average size. Second early 10c. per pkt.; 30c. pe oz.; \$1.50 per  $\frac{1}{4}$  lb.; \$4.75 per lb..

**WAYAHEAD**—A very early smooth, solid Red Tomato Potato-leave foliage, fruit size of Earliana and will ripen with it if not a few days earlier. 10c. per pkt.; 45c. per oz.; \$1.25 per  $\frac{1}{4}$  lb.; \$4.50 per lb.

**JOHN BAER**—Early, the first tomato to fruit in the garden. Plants dwarf, fruit of medium size, red and very uniform. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.25 per lb.

**BONNY BEST**—An extra early bright red tomato; smooth, large and productive. 19c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**PONDEROSA**—The largest tomato in cultivation, very solid and fine cropper. 10c. per pkt.; 45c. per oz.; \$1.50 per  $\frac{1}{4}$  lb.; \$5.50 per lb.

**MATCHLESS**—Large red fruit, general crop variety; good yielder. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**GREATER BALTIMORE**—This variety is one of the largest and most perfectly shaped varieties in cultivation. Ripens evenly and early, and holds its size to the end of the season. It is very prolific, has few seeds, solid flesh, a good canning variety and bears shipping long distances. 10c. per pkt.; 25c. per oz.; 85c. per  $\frac{1}{4}$  lb.; \$3.00 per lb.

**STONE (Selected Strain)**—Very large, perfectly smooth bright scarlet, solid; very productive, valuable for market Gardeners and Canners. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**LIVINGSTON'S BEAUTY**—A popular variety. The color is a glossy crimson, with a purple tinge. It grows in clusters of four and five, retaining its large size late in the season. Very solid with a tough skin, making it very desirable for shipping. 10c. per pkt.; 35c. per oz.; \$1.00 per  $\frac{1}{4}$  lb.; \$3.50 per lb.

**YELLOW PLUM**—A beautiful variety. Used principally for pickling. 10c. per pkt.; 45c. per oz.; \$1.50 per  $\frac{1}{4}$  lb.; \$5.00 per lb.

**RED CHERRY**—A small, early variety; size and shape of cherry. For pickling. 10c. per pkt.; 45c. per oz.; \$1.50 per  $\frac{1}{4}$  lb.; \$5.00 per lb.



Marglobe



## TOMATO PLANTS

## Ready May First

**EARLY EARLIANA, BONNY BEST, MARGLOBE AND STONE TRANSPLANTING PLANTS**—15c. to 35c. per doz.; \$1.25 to \$1.50 per 100; \$10.00 to \$15.00 per 1000, according to stockiness of plants; 75c. per dozen grown in 3-inch pots; in boxes, 10c. each; \$1.00 per dozen.

**LATE STONE, GREATER BALTIMORE AND MARGLOBE**—Field grown, \$3.50 per 1000.

**EXTRA STRONG GROWN TRANSPLANTING PLANTS**—In flats. Special prices.

## TURNIP

**GERMAN WEISSE RUBE, ITALIAN NAVONE, POLISH RZEPA BRUKIEW**

One ounce will sow 125 feet of drill  $1\frac{1}{2}$  to 2 lbs. will sow one acre.

Turnips do best on highly enriched light, sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For a succession, sow at intervals of a fortnight until the last week in July, from which time until the end of August sowings may be made for the Fall and main crops. Turnips may be preserved until Spring by cutting off the tops about one inch from the bulbs and storing in a cellar or cool shed during Winter, covering the roots with dry sand; they should be harvested before severe frosts set in, for, though comparatively very hardy, few of the varieties will survive the Winter of the Northern States in the open ground.

**WHITE EGG**—Flesh very thin and fine grained, thin and perfectly smooth skin and both flesh and skin are of snowy whiteness. 5c. per pkt.; 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 60c. lb.

**YELLOW GLOBE**—One of the best American varieties for general crop. Flesh very firm and sweet, and keeps well until late in Spring. Grows to a large size, and is excellent both for stock and table use. 5c. per pkt.; 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 70c. per lb.

**EARLY FLAT DUTCH**—An excellent variety, resembling White Strap Leaf. The best variety for Spring sowing. 5c. per pkt.; 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 60c. per lb.

**EARLY SNOWBALL**—A medium-sized, round, pure white variety, of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet. Maturing in about six weeks from time of sowing. 5c. per pkt.; 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 75c. per lb.

**YELLOW-STONE**—Bulbs of medium size, very firm, excellent flavor and good keeper; one of the best and most popular yellow-fleshed varieties for table use; it is equally good for feeding stock. 5c. per pkt.; 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 75c. per lb.



Purple-Top White Globe

**RED-TOP STRAP LEAF**—Rapid grower and mild flavor; the popular variety for early use, either for the table or stock. 5c. per pkt.; 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 60c. per lb.

**PURPLE-TOP WHITE GLOBE**—An early variety, globe-shaped; in other respects similar to the Red Top Strap Leaf. A handsome-looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. 5c. per pkt.; 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 60c. per lb.

**GOLDEN BALL ROBERTSON'S**—Rapid grower, excellent flavor, globe-shaped, and of a beautiful bright yellow color; a good keeper and has no superior for table use. 5c. per pkt.; 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 60c. per lb.



Improved American (Purple Top)

## RUTA BAGA, or RUSSIAN SWEDISH

The Ruta Baga, Russian or Swedish Turnip, are extensively grown for a farm crop. The roots are close grained, very hard, and will endure a considerable degree of cold without injury. The roots are best preserved in a pit or cellar during the Winter, and are excellent for the table early in Spring.

Sow from twentieth of June to the middle of July, in drills three feet apart, and thin out to eight inches.

**IMPROVED AMERICAN (PURPLE TOP)**—The leading variety, very hardy and productive. Flesh yellow, solid, sweet and finely flavored. Equally good for stock or table use. The principal variety raised by market gardeners. 5c. per pkt.; 10c. per oz.; 20c. per  $\frac{1}{4}$  lb.; 70c. per lb.

Prices Subject to  
Market Fluctuations

## Farm, Field and Bird Seed

Special Prices on  
Large Quantities



If there is anything you specially want that we have not Mentioned in our Manual write us for information and prices, which will promptly be given

### BARLEY

48 Pounds to a Bushel

BARLEY—Six rows. Bearded. \$2.50 per bushel.

### BEANS

#### FOR SOILING AND FODDER

**SOJA BEANS, MAMMOTH**—Yellow seed. Do equally well on both light and medium heavy soils. The use of this crop is increasing very rapidly in all sections and is proving to be one of the most valuable and important forage and seed crops for the farmer. 7c. per lb.; 15-lb. lots and over, 6c. per lb.

**WILSON SOJA**—Black seed. Very early, good grower. Height about three feet. Best sort of Soja to grow in New Jersey and excellent for Hay. 7c. per lb.; 15-lb. lots and over, 6c. per lb.

Use Stimugerm on Soja Beans to insure vigorous growth.

### BIRD SEEDS

Prices Variable

If by mail, postage must be added at the Parcel Post rate.

**CANARY, BEST SICILY (Phataris Canariensis)**—15c. per lb.; 15-lb. lots and over, 12c. per lb.

**HEMP (Cannabis Sativa)**—15c. per lb.; 15-lb. lots and over, 10c. per lb.

**MAW (Papaver Rhoeas)**—25c. per lb.

**MILLET (Panicum Milaceum)**—10c. per lb.; 15-lb. lots and over, 7c. per lb.

**RAPE (Brassia Napus)**—15c. per lb.; 15-lb. lots and over, 12c. per lb.

**MIXED BIRD SEED**—15c. per lb.; 15-lb. lots and over, 12c. per lb.

**MOCKING BIRD FOOD**—50c. per bottle or can.

**FLAX SEED (Linum Usitatissimum)**—Extra cleaned. 20c. per lb.; 15-lb. lots and over, 15c. per lb.

**SUNFLOWER (Helianthus Annus)**—15c. per lb.; 25 lbs. or more, 12c. per lb.

### BUCKWHEAT

48 Pounds to a Bushel

**NEW JAPANESE**—Kernal twice the size of the ordinary variety. It is earlier and more productive. Flour very fine. \$2.25 per bushel.

### CLOVERS

Prices Variable

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

Use Stimugerm on all Clovers to insure better Crops.

**ALFALFA or LUCERNE.** Sow 25 to 30 pounds to an acre.—It requires a deep, rich, dry soil, and in such will produce several crops every season. One of the best green fodder plants. 35c. per lb.; 15-lb. lots, 30c. per lb.; 100-lb. lots, 27c. per lb.

**ALSIKE CLOVER**—Sow 6 to 8 pounds to an acre—Resembles in growth, duration, etc., the Medium Red Clover,

except its flower is white and growth much finer; thrives better than Red Clover on poorer soil and will not winter out as much as the other kind of Clover. 35c. per lb.; 15-lb. lots, 30c. per lb.; 100-lb. lots, 25c. per lb. 60 lbs. to a bushel.



Alfalfa or Lucerne

**CRIMSON CLOVER.** Sow 10 to 15 pounds to an acre—A most valuable sort for soiling. It grows from two to three feet high. Sow in July and August for soiling or mowing the ensuing Spring. 25c. per lb.; 15-lb. lots, 20c. per lb.; 100-lb. lots, 18c. per lb. 60 lbs. to a bushel



Pea Vine or Mammoth Red Clover

**PEA VINE or MAMMOTH RED CLOVER**—Sow 8 to 12 pounds to an acre—Resembles the Medium Red Clover, but



grows coarse and stocky; very valuable for plowing under, 40c. per lb.; 15-lb. lots, 35c. per lb.; 100-lb. lots, 30c. per lb. 60 lbs. to a bushel.

**MEDIUM RED CLOVER.** American Grown. Sow 8 to 12 pounds to an acre.—It is perennial, but of very few years duration. Is considered the most nutritious of all the species, and most valuable for cattle feeding and soil improver. 40c. per lb.; 15-lb. lots, 35c. per lb.; 100-lb. lots, 30c. per lb. 60 lbs. to a bushel.

**SWEET CLOVER (Melilotus Alba).** Sow 15 to 20 pounds to an acre of hulled seed.—Very valuable for soiling, very excellent for sowing in early Spring on land to be sown later to Alfalfa. Grows from 3 to 5 feet and can be cut two or three times if wanted for forage. 25c. per lb.; 15-lb. lots, 20c. per lb. 15c. per lb. in 100-lb. lots. 60 lbs. to a bushel.

**WHITE CLOVER.** Sow 4 to 6 pounds to an acre.—Valuable for lawn and pasture. 50c. per lb.; 15-lb. lots, 40c. per lb.; 100-lb. lots, 35c. per lb.

## GRASS SEEDS

Special Prices on 10 Pounds and Over

Subject to market fluctuations

**CREeping BENT GRASS.** German—Excellent for lawn. Makes close growing, velvety green sod. Very hardy. Best variety of grass for putting greens and makes a handsome lawn. 90c. per lb.; 5-lb. lots, 85c.; 10-lb. lots and over 80c. per lb.

**CREeping BENT RHODE ISLAND**—Hardier than German. \$1.00 per lb.; 5-lb. lots, 95c. per lb.; 10-lb. lots, 90c. per lb.

**CREeping BENT PRINCE EDWARD.** Island or Colonial—The hardest of all bent and finest growth. \$1.25 per lb.

**FESCUE SHEEP**—Valueable for lawn and pasture grass Dwarf, fine-leaved growth. 35c. per lb.

**FESCUE MEADOW**—English Blue Grass. Easy to grow; resembles Kentucky Blue Grass; good for lawn and meadow. 25c. per lb.

**FESCUE NEW ZEALAND**—Hardy grass for lawn and putting green. 60c. per lb.

**FESCUE HARD**—Good for rough soil and shade. 45c. per lb.

**HERD, or RED TOP GRASS**—Unhulled—(*Agrostis Vulgaris*)—Natural harvest seed in hull. Valuable as a mixture in either pasture or lawn grasses. Succeeds well in almost any soil. Best adapted to deep soil. Sow 20 to 30 lbs. to an acre. 25c. per lb.; 15-lb. lots and over, 20c. per lb. 14 lbs. to a bushel.

**HERD or RED TOP GRASS SEED (Hulled)**—Fancy seed thrashes out of hull. Sow 10 to 15 lbs. to an acre. 35c. per lb.; 15 lbs. and over 30c. per lb. 32 lbs. to a bushel.

**HUNGARIAN GRASS (Panicum Germanicum)**—Sow 50 to 60 pounds to an acre—Early. Height, two to three feet; abundant foliage and slender head; withstand drought and yields well on light soil. 10c. per lb.; 15-lb. lots, 7c. per lb. 48 lbs. to a bushel.

**KENTUCKY BLUE GRASS (Poa Pratensis)**—Sow 30 to 35 lbs. to an acre. It is also known as June Grass. A valuable variety for lawns, when mixed with other grasses. Thrives best in dry soils, and retains its verdure during the hottest weathers. Extra clean seed. 40c. per lb.; 15-lb. lots and over, 35c. per lb.; 20 lbs. to a bushel.

**CANADA BLUE**—Coarser than Kentucky Blue. 40c. per lb.; 15-lb. lots, 35c. per lb.

**MILLET, GERMAN or GOLDEN**—Sow 50 to 60 pounds to an acre.—Medium early. In height, three to four feet heads closely condensed. 10c. per lb.; 15-lb. lots and over, 7c. per lb. 50 lbs. to a bushel.

**PERENNIAL RYE GRASS (Lolium Perenne)**—Sow 30 to 35 pounds to an acre. A very nutritious and valuable grass for meadows and permanent pastures. 25c. per lb.; 15-lb. lots and over, 20c. per lb. 24 lbs. to a bushel.

**ORCHARD GRASS (Dactylis Glomerata)**—Sow 20 to 25 pounds to an acre.—One of the most desirable of all pasture grasses. Especially valuable for grazing stock, 35c. per lb.; 15-lb. lots and over, 30c. per lb. 14 lbs. to a bushel.

**TIMOTHY GRASS (Phleum Pratense)**—Sow 10 to 15 pounds to an acre.—It will produce a larger crop than any other fine blade grass for hay. 15c. per lb.; 15-lb. lots and over, 10c. per lb. 45 lbs. to a bushel.

**SUDAN GRASS**—A rapid growing green fodder and makes good hay. 15c. per lb.; 10-lb. lots, 10c. per lb.

**PASTURE GRASS MIXTURE (Also for Hay)**  
Sow 50 to 60 Pounds to an Acre

This is the most profitable crop that a farmer can put in his soil. Seeding should be done in July and August. You seldom miss a catch. The following season it will cut two to three tons, on an average, to an acre.

The quality is far superior to clover and timothy hay. It will also do fairly well sown in oats during April. 45c. per lb.; 15-lb. lots and over, 30c. per lb.; 28c. per lb. in 100-lb. lots; \$7.00 per bushel. 25 lbs. to the bushel.

## OATS

Thirty-two Pounds to the Bushel

**TARTAR**—Large grain, large straw and a large cropper. A side oat. The only oat to grow with Canada Field Pea for green fodder for cattle feeding. 7c. per lb.; 15-lb. lots, 5c. per lb.; \$1.35 per bushel of 32 pounds.

## PEAS AND BEANS FOR FODDER AND SOILING

Use Stimugerm before planting for better crop.

Special Prices on Quantity Subject to Market Fluctuations.

Sow 60 to 75 pounds to an acre.

**CANADA WHITE**—Sow with Oats. Side Oats are preferred, being a stronger grower and heavier in grain. No Green Forage is so profitable to Milch Cows as this feeding 10c. per lb.; 15-lb. lots and over, 8c. per lb.; \$4.50 per bushel of 60 lbs.

**COW PEAS. BLACK AND GRAY WHIPPOORWILL**—Best variety as a soil enricher. Also for hay and pasture for cattle and hogs. It is the cheapest method to make poor land rich. 10c. per lb.; 15-lb. lots and over, 8c. per lb.

## RAPE

DWARF ESSEX. Sow 10 to 12 pounds to an acre.—

Does well to sow with Oats, Southern Cow Peas and Sweet Fodder, Corn. If well grown this is the best and cheapest pasture for hogs. By itself it is excellent as good green food for poultry, sheep and hogs. 15c. per lb.; 15-lb. lots, 10c. per lb.

## RYE—WINTER

A valuable catch-crop. 5c. per lb.; 15-lb. lots and over, 4c. per lb.



Amber Sugar Cane or Sorghum

**SORGHUM or AMBER SUGAR CANE**—Great fodder producer and very nutritious for cattle and stock feeding; it can be cut down several times in a season. Very profitable for a dairy farm and hog raising. 20c. per lb.; 15-lb. lots and over, 10c. per lb.

## VETCHES

**VETCH—SPRING (Vicia Sativa).** Sow 40 to 50 pounds to an acre.—Highly valuable for soiling or for green manuring. Sometimes grown with oats for forage. Makes excellent cutting in June for cattle. 10c. per lb.; 15-lb. lots and over, 9c. per lb.; 100-lb. lots, 8c. per lb.; 60 lbs. to a bushel.

**VETCH—HAIR or WINTER (Vicia Villosa).** Sow 40 to 50 pounds to an acre.—It is noted for its hardness and is highly valuable as a winter cover crop. It is used for forage and fertilizing purposes, will live over winter in well-drained soils. It is a perennial, but drops its seeds freely and will come up year after year. If sown in September will make an excellent forage for following Spring. Will yield 1½ to 4 tons per acre. 20c. per lb.; 15-lb. lots and over, 15c. per lb. 60 lbs. to a bushel.

## WINTER WHEAT

Sixty Pounds to a Bushel

**PENNSYLVANIA 44**—Has a very large hard berry, Bearded. One of the best red wheats. 7c. per lb.; 15-lb. lots, 6c. per lb.; \$2.75 per bushel.

**LEAP'S PROLIFIC BALD**—A first class milling wheat. 7c. per lb.; 15-lb. lots, 6c. per lb. \$2.75 per bushel.

## Flower Seeds



### Treat all Flowers Seeds with Se-mesan before Planting

Annual blooming the first year from seeds. Perennial blooming the second year, sometimes the first year if sown early in Spring.

Upon this class of plants the garden is dependent for many of the richest, most showy and beautiful flowers from seeds. Consequently we have taken special care in the selection of the choicest kinds.

**ABUTILON**—Flowering Maple—Outdoor and indoor flower. 25c. per pkt.

**ACANTHUS** (Bear's Breech)—Rosy white flowers, blooming in August and September. 10c. per pkt.

**ACHILLEA**—Perennial. 2 ft. high flower. Double white blooms all summer. 25c. per pkt.

**ACONITUM** (Monk's Hood or Wolfbane)—Produce long spikes of curious blue and white flowers. 10c. per pkt.

**ACROCLINIUM**—Pretty annual "everlasting" lovely white and rosy pink flower. When cut in the bud state can be dried and used in Winter bouquets. 10c. per pkt.

**ADONIS AUTUMNALIS**—Annual, crimson; 1 ft. 10c. per pkt.

**ADLUMIA CIRRHOSA** (Mountain Fringe, Allegheny Vine)—Bi-annual climber, with tube-shaped flesh-colored flowers like bleeding hearts. 10c. per pkt.

**AGERATUM** (Floss Flower) **BLUE PERFECTION**—Annual, dark blue. 10c. per pkt.

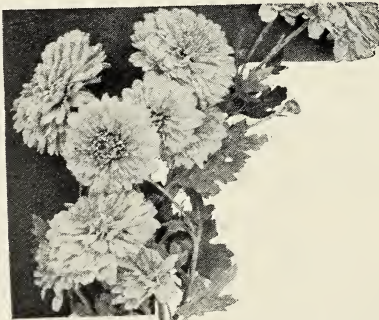
**AGERATUM** (Floss Flower). **ALBA NANUM**—Pure white 8 in. 10c. per pkt.

**AGROSTEMMA**—Perennial. Foliage, silver white; flower, crimson. 2 ft. 10c. per pkt.

**ALYSSUM** (Mad Wort) **CARPET OF SNOW**—Dwarf, pure white. 10c. per pkt.

**ALYSSUM** (Mad Wort). **MARTTUM**—Of trailing habit, pure white. 10c. per pkt.

**AMARANTHUS**—Mixed colors, annual, bright red and variegated drooping flower spikes. 10c. per pkt.



Asters

**AMARANTHUS TRICOLOR**—"Joseph Coat." Beautiful leaves of red, yellow and green. Very showy. 10c. per pkt.

**ANCHUSIA**—Perennial free flowering. Forget me not blue spray flowers. 18 in. high. 15c. per pkt.

**ANEMONE** (Wind Flower)—Mixed colors, very fine for bouquets. 25c. per pkt.

**ANTHEMIS** (Hardy Margaret)—Perennial. Bear a daisy-like yellow golden blossom all summer. 10c. per pkt.

**ANTIRRHINUM** (Snapdragon)—One of the best cut flowers that can be grown in the garden. They prefer a sunny position.

**ANTIRRHINUM**—Mixed. 10c. per pkt.

" Yellow. 10c. per pkt.

" White. 10c. per pkt.

" Crimson. 10c. per pkt.

" Pink. 10c. per pkt.

**AQUILEGIA** (Colombine)—Perennial Mixed exquisite flowers with extra long spurs. 10c. per pkt.

**ARABIS ALPINA** (Rock Cress)—Perennial. Spreading tufts of a sheet of white flowers as soon as the snow disappears; fine for rockery. 6 in. 10c. per pkt.

**ARMERIA FORMOSA** (Sea Pink)—Perennial. Very fine edging plant bearing rosy-pink flowers. 10c. per pkt.

**ASTERS**, **CHINA**—Mixed, a very superb collection. 10c. per pkt.

" **BRANCHING IN WHITE, PINK, RED, LAVENDER AND BLUE**—Extra fine garden variety. Loose, graceful flower, long stem, blooming profusely. 10c. per pkt.

" **SEMPLE BRANCHING**—Mixed color. 10c. per pkt.





Antirrhinum (Snapdragon)

CANARY BIRD VINE—Rapidly growing vine, bearing beautiful yellow flowers. 10c. per pkt.

CANDYTUFT—(Iberis)—Mixed colors. 10c. per pkt.

CANDYTUFT (Iberis)—White and other solid colors. 10c. per pkt.

CAMPANULA (Canterbury Bells)—Perennial. Beautiful large flowers, bell-shaped and blooming quite profusely 10c. per pkt.

ASTERS, QUEEN OF THE MARKET, CRIMSON—One of the best reds. 10c. per pkt.

“ GIANT COMET ROSE—Flowers of good size. 10c. per pkt.

“ QUEEN OF THE MARKET, LAVENDER—10c. per pkt.

“ QUEEN OF THE MARKET, WHITE—Flowers of good size. 10c. per pkt.

“ OSTRICH FEATHER—Magnificent Aster. Produces flowers of immense size. Long, loosely formed petals. Splendid cut flowers or separate Colors of pink, white, blue, crimson, lavender, 10c. per pkt.

“ OSTRICH FEATHER—Mixed colors. 10c. per pkt.

“ MICHAELMAS DAISIES—Hardy perennial. Beautiful fall flower. 5 ft. high. 15c. per pkt.

AUBRETIA—Rock cress Sheet. Flowers Spring and summer. 15c. per pkt.

AURICULA—Perennial. Half hardy. 6 in. Various colors—25c per pkt.

BALSAM (Lady Slipper)—An old favorite, producing a profusion of brilliant-colored double flowers. 10c. per pkt.

BALLOON VINE (Love in Puff)—Climber flowers, white seed like small balloon. 10c. per pkt.

BACHELOR'S BUTTON (See Gomphrena).

BELLIS (English Daisy)—Perennial, double mixed daisy 25c. per pkt.

BOCCONIA—Perennial Plume Poppy, 5 ft. Cream color flower. 10c. per pkt.

BOLTONIA—Perennial, 4 ft. high, daisy like flowers. Bloom July and August. 10c. per pkt.

BRACHYCOME (Swan River Daisy)—Free flowering, dwarf-growing, suitable for edging, producing blue and white flowers. 10c. per pkt.

BROWALLIA ELATA (Amethyst)—Large sky-blue flowers with white centre. 10c. per pkt.

BROWALLIA ALBA—Large white flower. 10c. per pkt.

CALENDULA (Pot Marigold)—Has large, showy, orange flowers. It is easy to cultivate. 10c. per pkt.

CACALIA (Tassel Flower)—A neat annual flower, golden yellow and scarlet, fine for borders. 10c. per pkt.



Semple's Aster Branching





Calendula (Pot Marigold)

**CALLIOPSIS (Golden Ray or Coreopsis)**—Dwarf compact plants covered with flowers of rich maroon edged with golden yellow; good cut flowers. 10c. per pkt.

**CARNATIONS DOUBLE (Mixed)**—Very fine for cut flowers. 10c. per pkt.

**CARDINAL CLIMBER CYPRESS**—Has fine foliage, grows rapidly, bears red trumpet flowers. 10c. per pkt.

**CHRYSANTHEMUM**—Mixed colors producing flowers of many colors. 10c. per pkt.

**CELOSIA Cockscomb**—Mixed colors. 10c. per pkt.

“ “ **RED EMPRESS**—Rich crimson comb of colossal proportions. 10c. per pkt.

“ “ **PLUMOSA**—Very attractive silky plume-like flower in various colors. Crimson, Yellow and Pink flowers, 2 ft. 10c. per pkt.

**CLEOME (Giant Spider Flowers)**—Plant attains height of 3½ feet, each branch having a large head of rosy-crimson flowers. 10c. per pkt.

**CENTAUREA (Dusty Miller) GYMNOCARPA**—White foliage, fine for hanging baskets, borders and beds. It has silvery white leaves, which are broadly cut. 10c. per pkt.

**CENTAUREA CYANUS (Blue Corn Flower)**—10c. per pkt.

**CENTAUREA IMPERIALIS (Royal Sweet Sultans)**—Sweet button. 10c. per pkt.

**COLEUS (Flame Nettle)**—This is a selected mixture of fine, highly-colored hybrid varieties. 25c. per pkt.

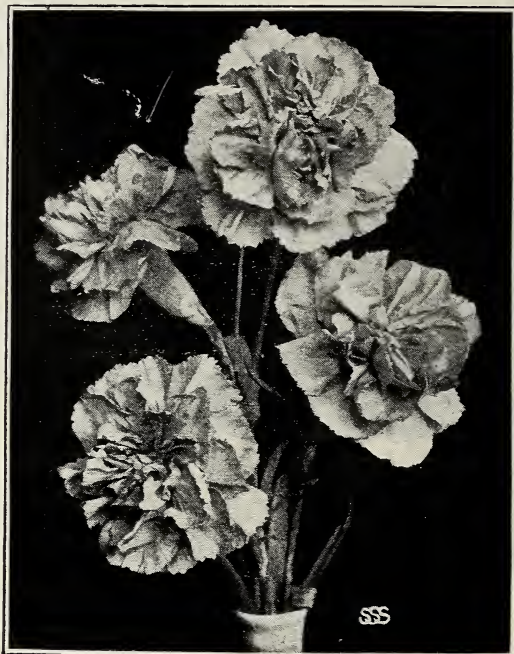


Campanula

**COCCINEA INDICA (Scarlet, Fruited Ivy-Leaved Climber)**—A handsome climber of the gourd species, with fine snow-white bell-shaped flowers and brilliant carmine fruit. 10c. per pkt.

**COBEA SCANDENS (Cup and Saucer Vine)**—A rapid climber to 50 ft., large bell-shaped purple flowers. 10c. per pkt.

**CORNFLOWER (Centaurea) CYNANUS**—This is very valuable as a cut flower in the old-fashioned garden. 10c. per pkt.



Carnations Double (Mixed)

**CONVOLVULUS MAJOR (Morning Glory)**—This is the climber and is one of the most free growing and blooming plants under cultivation. 10c. per pkt.

**CONVOLVULUS MINOR**—This is the dwarf Morning Glory which bears a profuse abundance of large richly-colored flowers. 10c. per pkt.

**CONVOLVULUS JAPANESE (See IPOMOEAE)**—10c. per pkt.



Celosia Plumosa

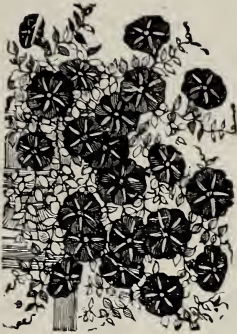


**COSMOS**—These are the most popular of all fall-blooming plants, producing thousands of flowers of single daisy-like blossoms of various colors. Fine mixed. 10c. per pkt.

**COSMOS**—In separate colors of White, red and pink. 10c. per pkt.

**DOUBLE FLOWERED**—Mixed colors. 10c per pkt.

**COW SLIP**—See **POLYANTHUS**.



**Convolvulus Japanese**

**CYPRESS VINE (Ipomoea Quamoclit)**—This vine grows rapidly, having a fern-like foliage and bears a mass of beautiful star-shaped flowers. 10c. per pkt.

**CYPRESS VINE or CARDINAL CLIMBER**—Flowers twice the size of ordinary Cypress beautiful Scarlet flower. 10c. per pkt.

**DAHLIA (Single)**—Will bloom first year if sown early. 25c. per pkt.

**DATURA (Trumpet Flower)**—An ornamental annual, with large white trumpet, sweet scented showy flowers, making handsome plants, 2 to 3 feet high. 10c. per pkt.

**DELPHINIUM, Perennial Larkspur.**

“ **BELLADONNA**—Torquoise Blue. 25c. per pkt.

“ **BELLAMOSUM**—Rich deep blue. 25c. per pkt.

“ **FORMOSUM**—Rich blue white centre. 15c. per pkt.

“ **CHINESE**—Feathered foliage. Blossoms blue. 10c. per pkt.

“ **HYBRID**—Mixture of beautiful blooms. 15c. per pkt.

“ **SPECIAL WREXHAM STRAIN**— (English Hybrids) Choice colors. 50c per pkt.



**Cornflower (Centaurea) Cyanus**

**DIANTHUS, CARNATION**—Double mixed. 15c. per pkt.

“ **MARGUERITE**—Summer pink, 12 to 15 inches high. 10c. per pkt.

**DIANTHUS CHINESE PINK**—Double mixed, colors varying from rich velvety crimson to most delicate rose. 10c. per pkt.

“ **JAPANESE**—Beautifully colored single pink free bloomer. Mixed colors. 10c. per pkt.



**Dahlia (Single)**

**DIDISCUS COERULEUS (Blue Lace Flower)**—Pretty annual, blooms profusely. Exquisite lavender blossoms are excellent for cutting. 10c. per pkt.

**DIGITALIS (Fox Glove)**—Perennial. Mixed colors, flowers produced on long stems, making a very beautiful plant in the garden. 10c. per pkt.



**Dianthus Marguerite**



**DOLICHOS (Hyacinth Bean)**—Climber, grows 10 feet, flowers freely in erect racemes and produces ornamental seed pods. 10c. per pkt.

**ESCHSCHOLTZIA (California Poppy)**—This is a very attractive plant for bedding, blooms until frost, flowers mixed in colors. 10c. per pkt.

**ECHINOPS (Globe Thistle)**—Perennial. 3 ft. steel blue flower. 10c. per pkt.

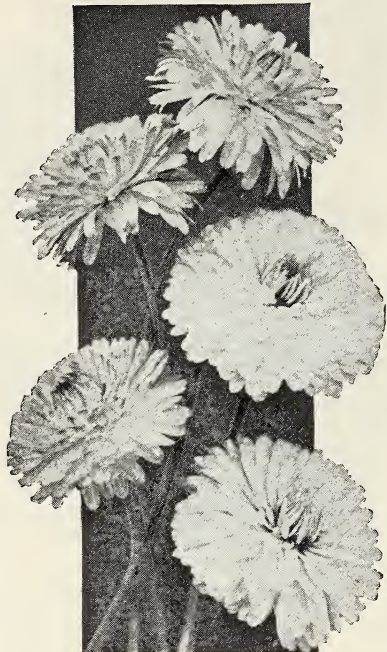
**EUPATORIUM**—Perennial, 3 ft. white flower. August to October. 10c. per pkt.

**EUPHORBIA VARIEGATA (Snow on the Mountain)**—Attractive foliage striped with white. 10c. per pkt.

**GAILLARDIA PICTA (Blanket Flower)**—Annual. Has very showy flowers, blooming in great profusion. Mixed colors. 10c. per pkt.

**GEUM**—Perennial, double crimson flower. Beautiful summer bloomer. 10c. per pkt.

**GOLDEN GLOW (Rudbeckia)**—Perennial. A very tall plant, suitable for hiding fences, and bearing large yellow flowers, very suitable for cut flowers. 15c. per pkt.



Double Gaillardia

**GOMPHRENA (Bachelor's Button)**—This is a first-rate bedding plant; the flowers can be dried and used in winter bouquets as a straw flower. 10c. per pkt.

**GOSETIA**—Bush annual, with large, showy flowers of rich coloring. 10c. per pkt.

**GOURD BALSAM APPLE (Cucurbita)**—A very pretty climber with glossy foliage and round apple-shaped fruit. 10c. per pkt.

**GOURDS CUCURBITA**—Annual climber 10 to 20 feet, with ornamental foliage and peculiar mixed fruits. 10c. per pkt.



Gourds Cucurbita

**GYPSOPHILA (Baby Breath)**—It bears large panicles of misty white flowers which are very suitable for mixing with other flowers. 10c. per pkt.

**HELIOTROPE (Cherry Pie)**—A perennial known to everyone; having a most delightful perfume. We have it in mixed, white and blue. 15c. per pkt.

**HELICHRYSUM (Straw or Eternal Flower)**—These are the best flowers for drying, are also very pretty in the garden. 10c. per pkt.

**HELENIUM**—Perennial, 3 ft. yellow flower. 10c. per pkt.

**HELIANTHUS, HARDY SUNFLOWER**—Hardy grower, with large golden flowers in autumn. 10c. per pkt.

**HELIOPSIS**—Perennial, 4 ft., orange sun flower. 10c. per pkt.

**HIBISCUS (Marshmallow)**—It has a large-sized, beautifully colored flower, and is very suitable for mixed beds. 15c. per pkt.

**HOLLYHOCK**—This perennial is unsurpassed for a background; it has beautiful long spikes bearing large gorgeous flowers. We carry both mixed and assorted colors. 10c. per pkt.



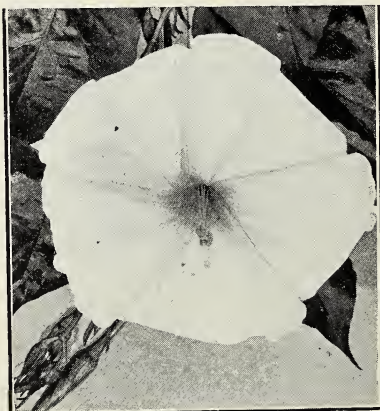
Hollyhock

**HOLLYHOCK—WHITE.** 10c. per pkt.

“ **YELLOW**—10c. per pkt.

“ **RED.** 10c. per pkt.

“ **PINK.** 10c. per pkt.



Ipomoea (Moonflower)

**HUMULUS JAPONICUS (Japanese Hop)**—A beautiful fast-growing climber, resembling the hop vine. 10c. per pkt.

**IPOMOEA (Moonflower)**—White, bearing large gorgeous flowers, which open in the evening and close with the coming of morning. The plant is a very rapid climber. 10c. per pkt.

**IPOMOEA (Japanese)**—These are by far the handsomest morning glory, having magnificent large flowers with colorings beyond description. 10c. per pkt.

**ICE PLANT**—10c. per pkt.





Digitalis (Foxglove)

- KOCHIA FIRE BALL**—10c. per pkt.  
**LATHYRUS**—Hardy sweet peas, mixed colors. 10c. per pkt.  
**LANTANA**—Annual, mixed colors, 3 ft. 10c. per pkt.  
**LARKSPUR**—Double mixed; it is the finest variety, with splendid spikes of beautiful double flowers. 10c. per pkt.  
**LARKSPUR FORMOSUM BLUE**—Perennial. Light blue. 15c. per pkt.  
**LARKSPUR DWARF ROCKET**—It is a double dwarf, growing but 18 inches. 10c. per pkt.  
**LINARIA CYMBALARIA (Kenilworth Ivy)**—Perennial trailing plant suitable for basket work. 10c. per pkt.  
**LUPINUS**—Free flowering annual with long graceful spikes of rich and various colored pea shaped flowers. Valuable for mixed borders. 2 ft. Mixed. 10c. per pkt.  
**LYCHNIS**—Perennial, 2 ft., scarlet flower. 10c. per pkt.  
**MARIGOLD AFRICAN**—An old favorite, having large orange and yellow flowers. 10c. per pkt.  
**MARIGOLD FRENCH**—This strain is more dwarf and bears striped flowers. 10c. per pkt.



Mignonette (Reseda) Odorata

**MIGNONETTE (RESEDA) ODORATA**—No garden is complete without it, for its sweet fragrance is very pleasing. 10c. per pkt.

“ **DEFIANCE**—10c. per pkt.

“ **MACHET**—10c. per pkt.

**MOMORDICA (Balsam Apple)**—Climbing ornamental foliage. Fruit yellow warted when ripe; opens showing the seed and its brilliant carmine interior. Fine vine for trellis or rockery. 10c. per pkt.

**MIMOSA SENSITIVA (Sensitive Plant)**—Leaves close and drop when touched, flowers pinkish white. 15c. per pkt.

**MARVEL OF PERU (Mirabilis or Four O'Clock)**—This is a handsome, well-known old flower which does well everywhere. 10c. per pkt.

**MESEMBRYANTHEMUM (Ice Plant)**—Dwarf trailing plant with singular icy foliage and white flowers. 10c. per pkt.

**MYOSOTIS (Forget-Me-Not)**—One of the most admired spring plants, bearing the well-known little blue flowers. 10c. per pkt.

## NASTURTIUMS

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes, there is an endless profusion of their gorgeous blossoms. The varieties offered below are the best selected from many sorts.

### Tom Thumb, Dwarf or Bedding Varieties

**MIXED COLORS**—10c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

### Tall or Climbing Varieties

**MIXED COLORS**—10c. per pkt.; 15c. per oz.; 25c. per ¼ lb.; 75c. per lb.

**NICOTIANA (Tobacco or Tobacco Flower)**—Pink and white with tubular flowers, blooming continually, sweet scented. 10c. per pkt.

**NIGELLA DAMASCENA (Love-in-a-Mist or Devil-in-the Bush)**—Has finely cut foliage with peculiar flowers of corn flower blue shade. 10c. per pkt.

**PANSY (Viola) MIXED**—This flower is known to everyone as Johnny Jump Up. Small flowers of blue, white, yellow etc. Fine mixed. 10c. per pkt.



Pansy

**PANSY GERMAN**—Fancy brilliant colors, fine mixed. 15c. per pkt.

“ **FRENCH GIANT LARGE**—Mammoth, flowers, fine mixed. 25c. per pkt.

“ **ENGLISH**—Large flowers of blue, black, yellow, etc., fine mixed. 10c. per pkt.

**PENTSTEMON (Bear Tongue)**—A very hardy border plant, ranking with the best of bedding plants. 10c. per pkt.

**PETUNIA**—Few plants surpass this as both an outdoor and indoor decorative plant. We carry it in mixed and assorted colors both in single and double flowers. 10c. per pkt. for single mixed.

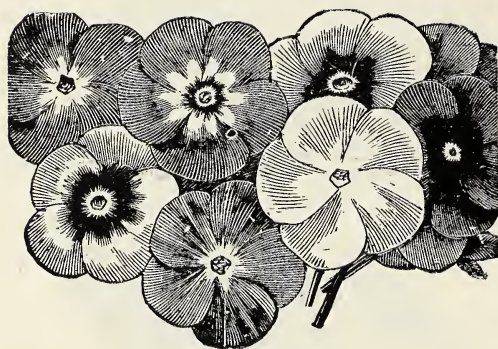
**PETUNIA Rosy Morn**—Soft rose-pink, very dainty profuse bloomer. 10c. per pkt.

**PETUNIA**—Double and fringed, mixed colors. 35c. per pkt.





Petunia Double



Phlox Drummondii

**PHLOX DRUMMONDII**—This popular plant will grow in any soil, provided it is given sun. Flowers all summer. Mixed colors. 10c. per pkt.

**PHLOX HARDY**—Perennial, mixed colors. 25c. per pkt.

**PLATYCODON (Balloon or Japanese Bellflower)**—Beautiful blue and white perennial flower, fine for border planting. 10c. per pkt.

**PHYSALIS FRANCHETI (Chinese Lantern Plant)**—Bushy 2 ft. high, producing freely bright scarlet lantern or balloon which can be cut and dried for winter bouquets. Very interesting. 10c. per pkt.

**POLYANTHUS ELATOR (English Primrose or Cow Slip)**—Various colors from white to crimson. 25c. per pkt.

**POPPY (Papaver) ICELAND**—These are very suitable for cutting bloom first season, should be picked when in bud, foliage fern-like. 10c. per pkt.

**POPPY (Papaver) SINGLE MIXED**—This is a mixture of single flowering sorts of all colors. 10c. per pkt.

**POPPY (Papaver) DOUBLE MIXED**—Same as above with exception that flowers are double. 10c. per pkt.

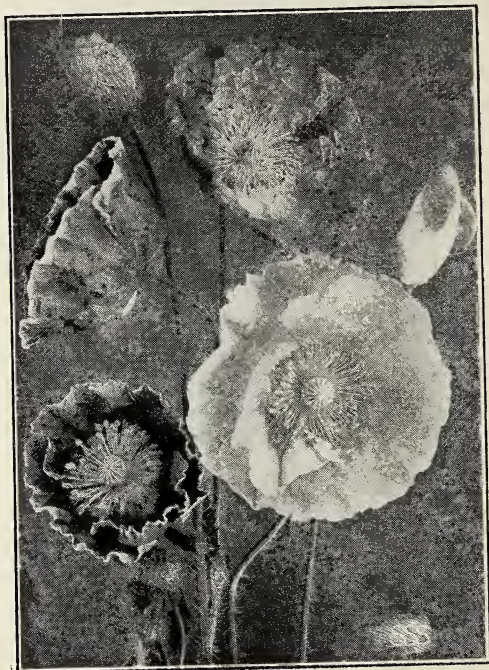
**POPPY (Papaver) SHIRLEY**—This is the best of all single poppies, making a magnificent profusion of color in the garden. 10c. per pkt.

**PORTULACA (Sun Plant)**—A beautiful plant for massing in beds or in rock work, producing a riot of color. Single flowering varieties. 10c. per pkt.

**PORTULACA**—Double flower, mixed. 10c. color. per pkt.

**PRIMROSE VULGARIS (English Primrose)**—Canary yellow and fragrant with light protection will stand the winter. (See Polyanthus.) 25c. per pkt.

**PYRETHRUM HYBRID**—Single and double mixed perennial. Daisy like flower in various colors. Summer bloomer. 25c. per pkt.



Poppy (Papaver) Shirley

**RHODANTHE (Swan River Everlasting Straw Flower)**—Of various colors. 10c. per pkt.

**RAGGED ROBIN (Centaurea)**—This flower, known to every flower lover, comes in blue, rose and white. 10c. per pkt.



Shasta Daisy



**RICINUS** (Castor Oil Bean)—Fine for centre of bed or massing; it is of stately growth, bearing beautiful fruit and foliage. 10c. per pkt.  
**RUDBECKIA** (Golden Glow)—15c. per pkt.



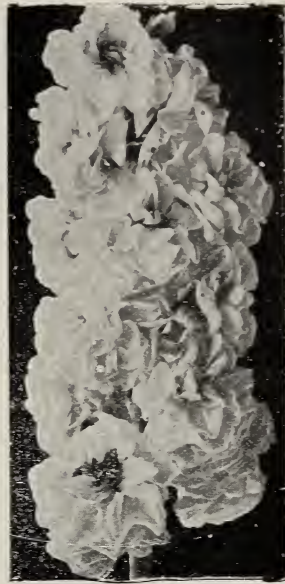
Zinnia (Youth and Old Age)

**SCABIOSA** (Morning Bride or Egyptian Rose)—An excellent cut flower, therefore no garden is complete without it; separate or mixed colors. 10c. per pkt.  
**SCARLET SAGE** (*Salvia Splendeus*)—A favorite bed or border plant, brilliant scarlet flower blooming from early season to frost. 10c. per pkt.  
**STOKESIA CYANEA** (Corn Flower)—Mixed colors. 10c. per pkt.  
**SCHIZANTHUS** (Butterfly or Fringe Flower)—It bears very dainty flowers, which are orchid-like and almost obscure the foliage so densely are they borne. 10c. per pkt.  
**SHASTA DAISY**—This is a special selection of hybrid daisies, bearing a flower of large size, which makes it desirable for cutting. 10c. per pkt.  
**SILENE** (Catchfly)—Bears white, pink and red flowers, making a very pretty and handsome plant. 10c. per pkt.  
**STATICE** (Sea Lavender)—Very good for bordering producing panicles of minute flowers; it can be dried and used for winter bouquets. 10c. per pkt.  
**SUNFLOWER** (*Helianthus*)—This is a mixture of the miniature sunflower, containing a variety of smaller, and curiously twisted petals varying from the original miniature sunflower. 10c. per pkt.  
**SWEET WILLIAM** (*Dianthus Barbatus*)—Perennial. This is another of the great favorites of the garden, being beautiful and well adapted for cutting. Mixed colors. 10c. per pkt.



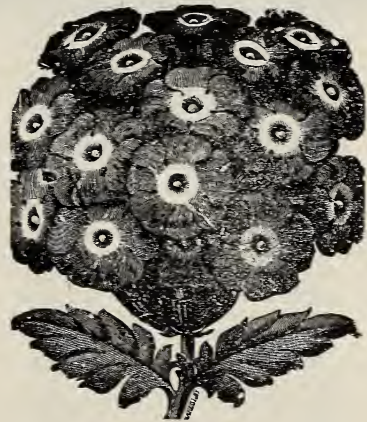
Sweet William (*Dianthus Barbatus*)

**SWEET WILLIAM**—Double mixed colors. 10c. per pkt.



Stock Ten Week

**STOCK TEN WEEK** (*Giliflower*)—The stock is a very popular annual because of its variety of color and its adaptation as a bedding and pot plant. Mixed colors. 15c. per pkt.  
**THUNGERGIA** (Black-Eyed Susan)—A beautiful rapid growing climber; does well in hanging baskets, prefers a warm, sunny place. 10c. per pkt.  
**VALERIANA**—Perennial, 2 ft., red and white flower. Fine for bouquets. 10c. per pkt.



Verbena Mammoth

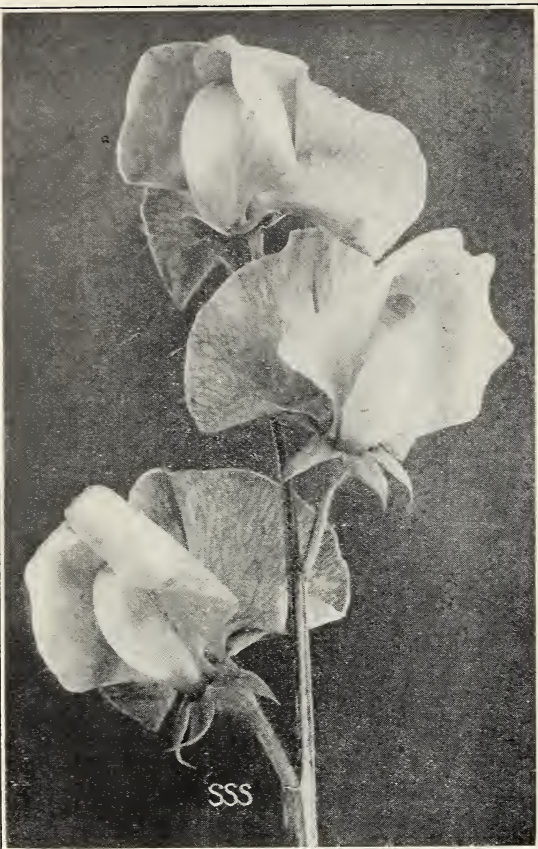
**VERBENA MAMMOTH**—Known to everyone; it is a free bloomer of vigorous habit, bearing large, gorgeously colored flowers. Very beautiful cut flower. 10c. per pkt.

**VERONICA SPICATA**—Elegant hardy border plant about 1½ ft. high, producing long spikes of bright blue flowers during June and July. 10c. per pkt.

**WALL FLOWER**—It is an early spring bloomer, bearing beautiful flowers. 10c. per pkt.

**XERANTHEMUM** (Everlasting Flower)—This is the certiest of all everlasting flowers. The seed is mixed and contains all the colors. 10c. per pkt.





## Sweet Peas

### SPENCER OR ORCHID FLOWER

The best of the old-fashioned or grandiflora varieties are now quite overshadowed by this wonderful type which are quite distinct having large round open flowers of extra waxy standards, and wide spreading wings. A very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested, and are just as easy to grow as the Grandiflora Varieties.

- BLANCHE**—Ferry Spencer. Pink white wings.  
**DORIS**—Brilliant orange, creese pink.  
**FLORENCE NIGHTINGALE**—Large fine pure lavender.  
**GIANT ATTRACTION**—Large shell pink.  
**GOLDEN GLORY**—Wonderful glowing orange.  
**IVORINE**—Cream suffused with buff-pink. Dainty color  
**KING EDWARD**—Bright crimson scarlet, large flower.  
**KING MAUVE**—Attractive rich deep mauve.  
**KING WHITE**—Pure white, handsome.  
**MARGARET ATTER**—Rich pink; giant size.  
**OLD ROSE**—Lovely rose color.  
**ROYAL PURPLE**—Rich royal purple; one of the best.  
**THE CARDINAL**—Poppy scarlet; beautiful flower.  
**WEDGWOOD**—Bright silvery or wedgwood blue; popular color.  
**PRICE**—Any of the above colors. 10c. per pkt.; 25c. per oz.; 70c. per  $\frac{1}{4}$  lb.  
**SWEET PEAS**—Giant-Spencer varieties, mixed. 10c. per pkt.; 20c. per oz.; 60c. per  $\frac{1}{4}$  lb.; \$2.00 per lb.

**ZINNIA (Youth and Old Age)**—The flowers are very brilliant and showy. Choice mixed colors. 10c. per pkt.

**ZINNIA DOUBLE DAHLIA**—Flowers of mammoth size and in form like a perfect Dahlia, mixed colors. 20c. per pkt.

**ZINNIA DOUBLE DAHLIA**—In separate colors of canary bird yellow, crimson monarch, scarlet flame and old rose. 25c. per pkt.

**ZINNIA DWARF**—Double Splendid bloomers, large flowers. Fine for borders or cutting, about  $1\frac{1}{2}$  ft. high. In white, rose, scarlet, yellow and mixed colors. 10c., per pkt.



Zinnia Dwarf Double

All Flower Seeds are quickly and easily disinfected against diseases by the use of Semesan.

**AROUND THE YEAR IN THE GARDEN**, by F. F. Rockwell. Because the time when you do your garden work is so important, you need a regular schedule. This book gives you complete information on every garden problem, outlined week by week, and written by a practical gardener. 88 illustrations, 350 pages. \$2.50

**THE ROSE IN AMERICA**, by J. Horace McFarland. A complete guide to successful growing, based on Mr. McFarland's own experience and the exchange of ideas with other enthusiasts while acting as editor for the American Rose Society. Contains the newest information on cultivation, pest control, and varieties. 66 illustrations, 233 pages. \$3.00

**ROCK GARDENS**, by F. F. Rockwell. Shows just how you can build a rock garden yourself, on a small or large scale and at little expense. Describes the types of rock gardens, tells what soils, climates, and locations are best, how to construct, and what to plant for the effect you want. 31 illustrations, 86 pages. \$1.00

**THE GARDNER**, by L. H. Bailey. You get full advantage or Dr. Bailey's unequalled knowledge and experience in this book. It tells how to grow flowers, vegetables, and fruits from the time of planting through to maturity. Special articles on different types of gardening. Information that is easy to find and simple to use. 116 illustrations, 260 pages. \$2.00

**THE DESIGN OF SMALL PROPERTIES**, by M. E. Bottomley. Here are 52 carefully designed plans, one or more of which will give you just the planting layout you want for your home. Each plan is fully described and explained so that you can easily modify it to fit any special conditions. A check list of nearly 600 plants showing the height, color, time of bloom, foliage, growing habit, soil requirement, etc., of each one shown you what to plant. 64 illustrations, 233 pages.

**GARDEN GUIDE**, Tells how to plant, plant and maintain the home grounds, the suburban garden, the city lot; how to grow good vegetables and fruit; how to care for roses and other favorite flowers, hardy plants, trees, shrubs, lawns, porch plants, and window-boxes. Handsome four-color cover. 384 pages. 15 planting plans. 275 teaching illustrations. Price Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.65 postpaid).

**A LITTLE BOOK OF ANNUALS**, by Alfred C. Hottes. This Little Book of Annuals has been written for the increasing throng of amateurs who grow flowers for the love of them. It is a reliable guide through the season of annual bloom. A handsome, carefully written, thoroughly edited, freely illustrated, accurately indexed book of 128 pages. Paper cover, \$1.00; cloth binding, \$1.50.

**A LITTLE BOOK OF PERENNIALS**, by Alfred Hottes. for the amateur and professional. Companion book to the Little Book of Annuals. Devoted to the general principles of growing, using, selecting and propagating perennials. Illustrated. Paper bound, \$1.00; cloth bound, \$1.50



## RIBSAM'S SELECTED GLADIOLUS

### Most Popular Summer-Flowering Bulbs Bulbs Top Size. Rare and Beautiful Varieties

They are not only showy in the garden, but if cut when the first flower opens, last for ten days in the house. The new colorings defy description and rival the choicest orchids. Plant them 4 inches deep, 6 inches apart, and stake when 2 feet high. Flowers appear from early July until late in the fall.

### RIBSAM'S ARISTOCRATS OF THE GLADIOLUS FAMILY

**CAPTAIN BOYNTON**, beautiful lavender with deeper blotch on lower petals; perfectly placed large flowers, 20c. each; \$2.00 per doz.; \$14.00 per 100.

**DR. F. E. BENNETT**, peach red, overlaid with flame scarlet, throat speckled ruby and creamy white; very large flowers of great substance, 25c. each; \$2.50 per doz.; \$18.00 per 100.

**GOLDEN MEASURE**, pure golden yellow; very large flowers of good substance; robust grower, considered the best yellow, 15c. each; \$1.50 per doz.; \$10.00 per 100.

**JACK LONDON**, light salmon with vermilion stripes and canary-yellow throat. Perfectly placed flowers, 15c. each; \$1.30 per doz.; \$8.00 per 100.

**LOS ANGELES**, beautiful shrimp pink with glowing orange carmine blotch in throat, 15c. each; \$1.40 per doz.; \$9.00 per 100.

**MAINE**, lemon yellow, turning into pure white when in full bloom; giant stems with perfectly placed, wide open flowers, 20c. each; \$2.00 per doz.; \$12.00 per 100.

**MRS. FRED C. PETERS**, fine lilac pink with purplish blotch in throat; many large flowers open at a time, 15c. each; \$1.30 per doz.; \$8.00 per 100.

**MRS. LEON DOUGLAS**, begonia rose striped with flame scarlet, lower petal pale lemon, speckled ruby; tremendously large flowers, 15c. each; \$1.50 per doz.; \$11.00 per 100.

**MR. W. H. PHIPPS**, La France pink, overlaid with salmon rose, lighter towards the center, lower petals faintly striped and speckled with ruby; enormous flowers, 25c. each; \$2.50 per doz.; \$18.00 per 100.

**SCARLET WONDER**, purest deep scarlet; mammoth flowers, many open at a time, 20c. each; \$1.80 per doz.; \$11.00 per 100.

### CHOICE SELECTION OF RUFFLED GLADIOLUS

**E. J. SHAYLOR**, splendid deep rose pink; 10c. each, 75c. per doz.; \$5.00 per 100.

**FERN KYLE**, creamy white; large heavily ruffled flowers, 20c. each; \$2.00 per doz.; \$12.00 per 100.

**MRS. H. E. BOTHIN**, geranium pink tinted salmon, flaming scarlet center, a very striking color combination, 15c. each; \$1.20 per doz.; \$8.00 per 100.

**PURPLE GLORY**, deepest velvety maroon with almost black blotches, 15c. each; \$1.50 per doz.; \$10.00 per 100.

**SCARLANO**, bright orange scarlet, with blood red throat, 15c. each; \$1.20 per doz.; \$8.00 per 100.

**TWILIGHT**, creamy buff, edges of petals flaked pink, throat primrose yellow and pink, 15c. each; \$1.50 per doz.; \$10.00 per 100.

### TEN SELECT GLADIOLUS

**ANNA EBERIUS**, deep rhodamine purple with dark Bordeaux center, the whole a warm velvety color, 10c. each; 75c. per doz.; \$5.00 per 100.

**CARMEN SYLVA**, snow white; large well placed, 10c. each; 80c. per doz.; \$6.00 per 100.

**CRIMSON GLOW**, glowing velvety crimson, shaded deeper in the center, 10c. each; 80c. per doz.; \$6.00 per 100.

**EARLY SUNRISE**, deep orange salmon with yellowish blotch on lower petals, 10c. each; \$1.00 per doz.; \$7.00 per 100.

**EVELYN KIRTLAND**, very warm rose pink, deeper at the edges of the petals shading towards shell pink in the center, brilliant scarlet blotches on the lower petals, 10c. each; 80c. per doz.; \$6.00 per 100.

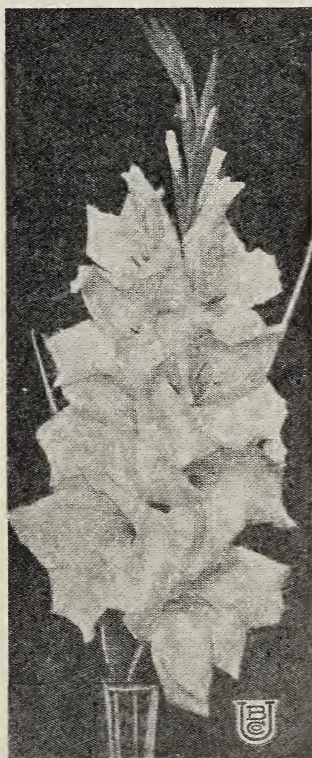
**1910 ROSE**, pure deep rose pink with white center lines on lower petals, 10c. each; 75c. per doz.; \$5.00 per 100.

**LE MARECHAL FOCH**, clear light pink, a shade brighter than America, 10c. each; 75c. per doz.; \$5.00 per 100.

**LOUISE**, orchid lavender with deeper blotch in throat, a refined color combination, 10c. each; \$1.00 per doz.; \$6.50 per 100.

**MRS. DR. NORTON**, A dainty "peaches and cream" color combination of white, soft pink and primrose yellow, 10c. each; \$1.00 per doz.; \$7.00 per 100.

**MRS. FRANK PENDLETON**, deep rose pink shading to pale pink in throat, bright crimson blotches on lower petals, 10c. each; 75c. per doz.; \$5.00 per 100.



Gladioli Peace

### RIBSAM'S SUPREME MIXTURE

Exquisite colorings are to be found in this blending of the named varieties we list. We believe this mixture to be unexcelled, 70 c. per doz.; \$5.00 per 100; \$12.00 per 1,000.

### RIBSAM'S CHOICE MIXTURE

A well balanced mixture comprising a wide range of color, 50c. per doz.; \$3.00 per 100; \$27.00 per 1,000.

### PRIMULINUS VARIETIES

This class of Gladiolus is quite distinct, being of slender growth and two to four spikes from one bulb. Especially valuable for vases and table decorations, very artistic shadings and markings.

**ALICE TIPLADY**, bright saffron-orange, 10c. each; 75c. per doz.; \$1.00 per 100.

**DOROTHY WHEELER**, pure delicate ros. pink 10c. each; 80c. per doz.; \$6.00 per 100.

**JEWELL**, light salmon pink with beautiful golden yellow throat, 10c. each; \$1.00 per doz.; \$7.00 per 100.

**MAIDEN'S BLUSH**, superb light pink, 10c. each; 75c. per doz.; \$5.00 per 100.

**MING TOY**, showy deep buff with yellow throat, 10c. each; \$1.00 per doz.; \$7.00 per 100.

**SALMON BEAUTY**, deep salmon with salmon-yellow throat, 10c. each; 80c. per doz.; \$6.00 per 100.

**SOUVENIR**, purest golden yellow of all Gladioli, 10c. each; \$1.00 per doz.; \$7.00 per 100.

### DAHILAS

We have a choice lot of varieties too numerous to list from 75c. to \$5.00, send us your list. We shall be pleased to quote you prices.

Unnamed varieties in pink, red, white and Yellow, 15c. each; \$1.50 per doz.; \$12.00 per 100.

### EXCELSIOR DOUBLE PEARL TUBEROSES

One of the most fragrant and most popular of the Summer flowering Bulbs. Easily recognized by its fragrance and beautiful flower spikes, mammoth Bulbs, 10c. each; \$1.00 per doz.; \$7.00 per 100.

### CANNAS, DORMANT ROOTS

These are the large flowering varieties.

**APRICOT**—Buff and salmon shades, 15c. each; \$1.50 per doz.

**MRS. ALFRED CONARD**—Beautiful large pink, 20c. each; \$2.00 per doz.

**RICHARD WALLACE**—Canary yellow, 15c. each; \$1.50 per doz.

**THE PRESIDENT**—Large rich scarlet, 15c. each; \$1.50 per doz.

**RED KING HUMBERT**—Scarlet bronze foliage, 10c. each; \$1.00 per doz.

**YELLOW KING HUMBERT**—Golden Yellow, 15c. each; \$1.50 per doz.



Cannas

### HARDY GARDEN LILIES

**AURATUM** (Golden Banded Lily of Japan)—Ivory white, brown spots. Yellow stripe through center of petals, 40c. each; \$4.00 per doz.

**SPECIOSUM ALBUM**—Pure white flowers, 40c. each; \$4.00 per doz.

**SPECIOSUM MAGNIFICUM**—White spotted Rosy Carmine, 40c. each; \$4.00 per doz.

**SPECIOSUM RUBRUM**—Delicate pink spotted Crimson, 40c. each; \$4.00 per doz.

**REGALE**—A beautiful variety, sweet scented white. Shaded pink tinged yellow at base, 60c. each; \$6.00 per doz.

### TUBEROUS-ROOTED BEGONIAS

This pretty class of Begonias is one of the most attractive of summer flowering plants. Flowers measure from four to six inches across. Used to excellent advantage in window or porch boxes in semi-shaded places. Bulbs may be started in-doors in February and transplanted into beds as soon as all danger of frost is over.

Crimson	Rose	White
Yellow	Mixed Colors	

Single or Double varieties, 25c. each; \$2.50 per doz.

**CALADIUM OR ELEPHANT'S EAR**—Immense green leaves sometimes 2 ft. across, plants 5 ft. high, 15c. each; \$1.50 per doz.

**CINNAMON VINE** (*Dioscorea Batatas*)—A beautiful, rapid-growing summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers, 10c. each; \$1.00 per doz.

**MADEIRA VINE** (Climbing Mignonette)—A beautiful and popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery flowers of delightful fragrance, 10c. each; \$1.00 per doz.



# Ribsam's Everblooming Roses

There is perhaps no plant or flower so generally cultivated today as the Rose. Its wonderful beauty and fragrance make it the most popular of flowers. For extensive grounds, small lawns, porch trellis or hedges, Roses are used with charming effects. Many persons think it difficult to grow Roses, but such is not the case; good soil and a little care will insure fine, hardy plants and beautiful blossoms.

The following sorts are the most popular, blooming throughout the season grown in 5 and 6-inch pots. \$1.00 each; \$10.00 per doz., except where noted otherwise.



- Briarecliff—Rosy Pink, long bud.
- Caroline Testout—Satiny Rose.
- Columbia—Large Pink.
- Dame Edith Helen—Very large flower, Raspberry Pink, \$1.50 each.
- Duchess of Wellington—Saffron Yellow.
- Edel—Large White.
- Eldorado—Fine Yellow.
- Florence Pemberton—Creamy White.
- General MacArthur—Crimson Scarlet.
- Golden Ophelia—Golden Apricot.
- Gorgeous—Amber, shaded Yellow.
- Grange Colomb—Ivory White.
- Gruss an Teplitz—Rich Scarlet, very fragrant.
- Gruss an Aachen—Salmon Pink.
- Hermosa—Pink.
- Hadley—Deep Velvet Crimson.
- Independence Day—Rich Orange Apricot.

- Jonkeer J. L. Mock—Large Silvery Rose.
- Kaiserine Augusta Victoria—Pearl White.
- Killarney Brilliant—Rosy Carmine.
- Killarney—White.
- Lady Ashtown—Carmine Pink, Golden Base.
- Lady Hillingdon—Apricot Yellow.
- Los Angeles—Flame Pink, Copper Yellow.
- Madame Butterfly—Soft Pink, Tinted Yellow.
- Madame Jules Bouche—Porcelain White, Tinted Pink.
- Marcia Stanhope—Pinkish White.
- Mrs. Aaron Ward—Indian Yellow.
- Ophelia—Salmon Flesh, Shaded Rose.
- Padre—Copper Scarlet, Base Yellow.
- Pink Pearl—Cerise Pink.
- Pius XI—Creamy White, very fragrant.
- Radiance—Bright Pink.
- Red Radiance—Cerise Red.
- Rose Marie—Clear Rosy Pink.
- Sensation—Crimson Scarlet.
- Sou de Claudius Pernet—Beautiful Canary Yellow.
- Sou de Geo. Beckwith—Shrimp Pink with Yellow.
- Sunburst—Cadmium Yellow.
- W. F. Dreer—Yellow, Shaded to Old Rose.

## POLYANTHA OR BABY EVERBLOOMING ROSES

\$1.00 each, \$10.00 per dozen

- Cecile Brunner—"Sweet Heart," Delicate Pink.
- Geo. Elger—Bright Yellow.
- Katherine Zeimet—White.
- Superba—Red.

## CLIMBING ROSES

\$1.00 each, \$10.00 per dozen

- American Pillar—Single Pink.
- Dorothy Perkins—Pink.
- Dr. W. Van Fleet—Delicate Pink.
- Gardenia—Yellow.
- American Beauty—Carmine Rose.
- Lady Ashtown—Rose Pink.
- Mary Lovett—White.
- Paul's Scarlet—Scarlet.

## HARDY PERENNIALS PLANTS

There seems to be a greater desire to plant perennials from year to year.

We have listed a collection which will give you blossoms from early spring until late fall. However we can supply many other varieties, send us your list.

**ALYSSUM SAXATILE COMPACTUM**—Basket of Gold. A flood of yellow in early spring.

**ANEMONE HUPEHENSIS**—A beautiful Japanese anemone blooming from early August until late autumn. Flowers of a mauve-rose. 18 inches.

**ANTHEMIS TINCTORIA KELWAYI**—Useful border plant, bright yellow flowers in mid and late summer. An improved type.

**AQUILEGIA MRS. SCOTT-ELLIOTT**—A lovely strain of the Columbine, in a wide range of colors. Extra long spurred type.



Aquilegia

**ASTER BARR'S PINK**—Large bright pink flowers in September-October.

**CAMPANULA MEDIUM DOUBLE ROSE**—The finest of the Canterbury Bells.

**CHRYSANTHEMUM CARMELITE**—"Glory of Seven Oaks" Golden yellow. September.

**DELPHINIUM BELLADONNA**—An Improved strain of Blue delicate. The loveliest of blue flowers for cutting.

**DELPHINIUM "CHINENSE, BLUE BUTTER-FLY"**—The most intense Chinense blue.

**DIANTHUS HER MAJESTY**—A large double white, very sweet scented.

**GAILLARDIA DAZZLER**—An improved type, with a rich radiance of red and yellow. Continuous summer bloomer.

**COREOPSIS GRFL**—No garden is complete without this magnificent gold flower.

**HELENIUM RIVERTON GEM**—Rich wall-flower red flowers coming at a season which distinguishes it, September-October, 3-5 ft.

**HOLLYHOCK CHATER'S HYBRIDS**—Singles and doubles in a rich variety of colors.

**IRIS GERMANICA**—From named varieties.

**IRIS KAEMPFER**—The Japanese Iris, also from named varieties.

**LINUM PERENNE**—Drifts of sapphire blue flowers throughout the summer.

**POLEMONIUM RICHARDSONI**—Masses of beautiful sky blue. 18.. The "Jacob's Ladder."

**MYOSOTIS INDIGO BLUE**—A compact form of forgetmenot, with intense blue flowers.

**PRIMULA VERIS MUNSTEAD STRAIN**—A beautiful primrose with large yellow and white flowers.

**PYRETHRUM ROSEUM**—The painted daisy in the most vivid of red and pink colors. Often crested.

**SWEET WILLIAM PINK BEAUTY**—A warm pink of the ever beloved flower.

**THALICTRUM AQUILEGIAFOLIUM**—"Feathered Columbine". Handsome foliage with puffs of lavender or white flowers.

**VERONICA SPICATA**—A blue speedwell with diminutive spikes of intense blue flowers. 2-3 ft.

**VIOLA JERSEY GEM**—The most satisfactory of all Violas, with sweet scented velvet blue flowers. Desirable in the garden or for cut flowers. Spring until frost. 30c. each; \$3.00 per doz.

**VIOLA BRONZE SHADES**—A rich gamut of the bronze shades throughout the summer. Often running into maroon. 30c. each; \$3.00 doz.

All varieties listed (except Violas), 25c. each; \$2.50 per doz.; \$18.00 per 100.

**HARDY GARDEN PHLOX**—Should be in every garden. They will grow in almost any soil and position, 25c. each; \$2.50 per doz.

**A LITTLE BOOK OF PERENNIALS**, by Alfred Hottes. For the amateur and professional. Companion to the Little Book of Annuals. Devoted to the general principles of growing, using, selecting and propagating perennials. Illustrated. Paper Bound, \$1.00 ;\$1.10 postpaid.; Cloth bound, \$1.50 ;\$1.60 postpaid..

**AROUND THE YEAR IN THE GARDEN**, by F. F. Rockwell. Because the time when you do your garden work is so important, you need a regular schedule. This book gives you complete information on every garden problem, outlined week by week, and written by a practical gardener. 88 illustrations, 350 pages. \$2.50



# HARDY ROCK GARDEN PLANTS

Rock gardens are yearly increasing in popularity, as rockery building is a fascinating pastime and if one has only a few square yards of ground this will be found sufficient to grow quite a variety of plants, affording a great deal of pleasure in caring for them and watching the rockery develop.

**ALYSSUM ARGENTEUM**—Clusters of yellow flowers. Shrubby prostrate plant with gray leaves. All summer.

**AQUILEGIA ALPINA**—True variety. Powder blue flowers on 1 ft. stems. May-June.

**ARABIS ALPINA NANA COMPACTA**—The most dwarf variety of the Rock Cress. Clusters of clear white flowers in early spring.

**DIANTHUS DELTOIDES BRILLIANT**—The Maiden Pink. Brilliant carpets of rose colored flowers in mid summer. Following this, a dense green carpet.

**DIANTHUS AVENENSIS**—A compact little gray porcupine with large pink flowers on 2 inch stems. Summer.

**HELIANTHEMUM HYBRIDUM**—The rock rose in a lovely variety of color. Semi shrubby in character.

**IRIS PUMILA**—The loveliest of the dwarf iris. 8 inches. Mid-May. In yellow, blue and white.

**MAZUS RUGOSUS**—Loose trailing masses of blue and white flowers speckled with gold in the throat, splendid for flagging and carpeting.

**LINUM AUSTRIACUM**—Fountains of gentian blue flowers, every morning blooming afresh.

**MYOSOTIS INDIGO BLUE**—One of the finest of the forgetmenots, compact in form, with intense blue flowers.

**PHLOX SUBULATA**—The beloved Mountain Pink which mats quickly over walls and rocks, and is one of the first showers of glory in the spring.

**PHLOX DIVARICATA**—An exquisite lilac phlox, 12 inches, for the semi-shade. Profuse bloomer in early spring.

**SEDUM ANGLICUM**—A coral rosette, spreading rapidly into dense cushions. Pale pink flowers. One of the loveliest.

**SEDUM ALBUM**—Small succulent leaves which turn reddish brown in the fall. White flowers in June-July.

**SEDUM KAMTSCHATICUM**—Foliage deep green. Yellow flowers in flat heads. 6 inches.

**LYDIUM**—Bronze foliage with pink flowers in June. Emerald green mats.

**SILENE SCHAFTA**—Closely allied to the Pink Family and requires the same condition. Tufted growth covered with rosy purple flowers in August-September.

**THYMUS SERPYLLUM COCCINEUS**—Foliage dark green, sweetly scented. Clouds of brilliant red flowers throughout the summer.

**THYMUS LANUGINOSUS**—A wooly leaved variety of the above.

**TUNICA SAXIFRAGA**—Spun fibre, with soft pink minute flowers. 6 inches.

**VERONICA TEUCRIUM ROYAL BLUE**—A prostrate blue speedwell with dense masses of luxuriant foliage.

**VERONICA REPENS**—A dense carpet, delicate blue flowers directly against the foliage. Fine for paths and walls.

**VIOLA JERSEY GEM**—There is no place too humble or too grand for this, the loveliest of all violas. Sweet-scented butterfly, 30c. each; \$3.00 per doz.

**Viola Bronze Shades**—A most unusual array of colors, even unto rose and maroon, and completely dependable. 30c. each; \$3.00 per doz.

All varieties listed except Violas 25c each \$2.50 per doz. \$18.00 per 100

## CHOICE GARDEN PEONIES

A noble flower, almost rivaling the Rose in brilliancy of color and perfection of bloom. It is perfectly hardy, the plants require no other protection than that which they afford themselves. Freedom from all diseases and insects is an important argument in favor of their cultivation.

Plant roots so that the eyes are about 2 inches beneath the surface.

**FELIX CROUSSE**—Brilliant, ruby-red; one of the best and most popular kinds. 75c each; \$7.50 per doz.

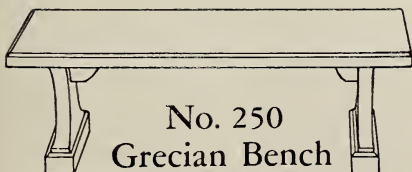
**FESTIVA MAXIMA**—Pure white, extra for cutting purposes. 50c each; \$5.00 per doz.

**KARL ROSENFELD**—Very large globular dark crimson flowers, brilliant and striking. \$1.00 each; \$10.00 per doz.

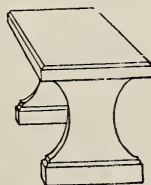
**MME DUCEL**—Bright silvery pink with salmon shading and silvery reflex. 60c each; \$6.00 per doz.

**MAD. EMILE GALLE**—Delicate shell-pink with touches of heliotrope and lavender. 60c each; \$6.00 per doz.

**PRESIDENT TAFT**—Beautiful delicate pink, slightly splashed crimson. \$1.00 each; \$10.00 per doz.



No. 250  
Grecian Bench



Grecian Benches, \$10.00 to \$30.00 each.

Grecian Settees, \$30.00 each.

Grecian Chairs \$18.00 each.

Rustic Bird Houses, 50c to \$15.00 each.

# STIMUGERM

## LEGUME INOCULATION

The Best Inoculation for All Legume Seeds Means Better Crops, Better Soils, Less Fertilizer Expense.

### WHAT STIMUGERM JELLY IS

STIMUGERM JELLY is a pure culture of nitrogen fixing bacteria, selected for maximum vitality and ability to transform nitrogen from the air into soluble nitrates and deposit them in the soil.

EVERY BOTTLE IS DATED and guaranteed for one year.

### PRICES ARE LOW

#### Alfalfa and Clovers

#### SMALL SEED VARIETIES

2½-bu. unit.....	\$2.25
1-bu. unit.....	1.00
½-bu. unit.....	.60
¼-bu. unit.....	.35

#### Soybeans, Cowpeas, Vetch Peas and Beans, Etc.

#### LARGE SEED VARIETIES

5-bu. unit.....	\$2.25
2-bu. unit.....	1.10
1-bu. unit.....	.60
½-bu. unit.....	.35

Special Garden Size for Garden Peas, Beans, and Sweet Peas—25 Cents

When ordering, be sure to state what crops you wish to inoculate, also number of bushels you will sow.

## ADD BEAUTY TO YOUR HOME

Now you can have the lawn, flowers, and garden you have always wanted.

Good seed and plants, proper care, and the use of a balanced plantfood are essential. Protect your investment by using the complete plantfood, Vigoro, on everything you grow.

Vigoro is clean and odorless. You can sow it like grass seed, and the cost is only 10c to 20c for every hundred square feet.

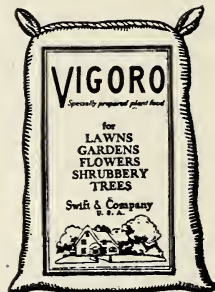
# VIGORO

*Specially prepared plant food*

### COMPLETE PLANTFOOD

For lawns, flowers, and vegetables

5 lbs. 50 Cents    25 lbs. \$1.75    50 lbs. \$3.00    100 lbs. \$5.00



### FERTILIZERS

#### Prices Subject to Market Variations

**PURE GROUND BONE**—Ammonia 4.50%. Good for all kinds of Fertilizing. 5c. per lb.; 25 lbs. \$1.00; 100 lbs. \$3.50; Ton \$60.00.

**STEAM BONE**—Ammonia 3%. A quick acting Fertilizer. 5c. lb.; 25 lbs. \$1.00; 100 lbs. \$3.25; Ton \$55.00.

**BONE MEAL**—White Raw Bone ground fine. Good for Stockfeeding. 7c. lb.; 25 lbs. \$1.50; 100 lbs. \$4.50; Ton \$70.00.

**VEGETABLE HIGH GRADE TRUCK**—8-8-5—. For rushing a Vegetable Crop. 5c. lb.; 25 lbs. \$1.00; 100 lbs. \$3.25; Ton \$55.00.

**POTATO FERTILIZER**—4-8-10—. High Grade Potato Fertilizer. 5c. lb.; 25 lbs. \$1.00; 100 lbs. \$3.00; Ton \$44.00.

**CORN AND SWEET POTATO**—2-8-5. Good Formula. 5c. lb.; 25 lbs. 90c.; 100 lbs. \$2.50; Ton \$35.00.

**TOP LAWN DRESSING**—Ammonia 3.75—. Good Slow Feeder. 5c. lb.; 25 lbs. \$1.00; 100 lbs. \$3.50; Ton \$60.00.

**TOP HAY DRESSING**—Ammonia 20-3-0. Very good for Rushing a Hay Crop. 25 lbs. \$1.50; 100 lbs. \$4.50; Ton \$70.00.

**SHEEP MANURE**—A safe Fertilizer for all Crops. 5 lbs. 25c.; 10 lbs. 45c.; 100 lbs. \$3.25; Ton \$52.50.

**NITRATE OF SODA**—Fertilizer for Rushing a growing Crop. 8c. lb.; 25 lbs. \$1.75; 100 lbs. \$5.00; Ton \$85.00.

**WOOD ASHES**—Top Dressing for Clover Lands. 25 lbs. \$1.00; 100 lbs. \$3.00; Ton \$12.00.

**LIME HYDRATED LIMOID**—Always good result whenever spread on the ground Early in Spring and late in the fall. 10 lbs. 25c.; 25 lbs. 50c.; 50 lbs. 75c. 100 lbs. \$1.25; Ton \$18.00.

**HUMUS**—Excellent to incorporate in poor soil. 25 lbs. 75c.; 50 lbs. \$1.25; 100 lbs. \$2.00.

**PEAT MOSS**—Excellent for Plant Mulching Roses, Shrubbery, Bulbs, etc. also light dressing upon the Lawn and Heavy Soil. 25 lbs. \$1.00; ½ Bale \$2.00; one Bale of about 165 lbs. \$3.00.



## Insecticides and Fungicides

### Prices Subject to Market Fluctuations

Full directions with each package. Poisons and liquids not available.

**APHINE**—Kills plant lice of every description. A strong nicotine extract. 1 qt., \$1.15; \$3.00 per gal.

**APHIS PUNK**—A nicotine paper for fumigating. 90c. per box.

**ARSENATE OF LEAD**—The best of arsinical insecticides; it will not burn foliage. Apply at rate of 1 lb. to 50 gal. of waer. 35c. per lb.

**BLACK LEAF "40"**—A nicotine solution for spraying or fumigating. 1 oz., 35c.; ½ lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$11.85.

**BORDEAUX—ARSENATE OF LEAD MIXTURE**—A very excellent remedy for apple and pear trees, potatoes, melons and cucumbers. It will keep roses free of mildew, black spot and insects of all sorts. 1 lb., 35c.

### ANTS DESTROYED IN THEIR NESTS

† The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. The containers are partially filled with syrup and placed about the outside edges of the house or along "ant" trails in the garden if the infestation occurs there. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed! Prices—Antrol sets containing 4 containers and 1 4-oz. bottle of syrup, \$0.95; Antrol extra containers (each), 15c.; Antrol syrup, 4-oz. bottles, 45c.; pints, 95c.; gals., \$3.75.



**BORDEAUX MIXTURE (DRY)**—For dusting for fungous diseases. Can be used as a spray. 1 lb., 35c.; 4 lbs., \$1.00.

**COPPER SULPHATE**—Used for early spraying and the making of Bordeaux. 1 lb., 20c.; Prices upon request.

**GRAPE DUST**—Kills mildew indoors and out; also mites and molds. 5 lbs., 85c.

**HELLEBORE**—Destroys insects and worms on currant vines, roses and shrubs. ¼ lb., 20c.; ½ lb., 35c.; 1 lb., 60c.

**LIQUID LIME AND SULPHUR**—In neat cans with full cultural directions. 1 qt., 45c.; 1 gal., \$1.00. In bulk, 1 gal., 40c., can extra. In Bbl. lots, 25c. per gal. No charge for Bbl.

**LIME AND SULPHUR POWDER**—1 lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.25; 50 lbs., \$8.00; 100 lbs., \$14.00.

**NICO FUME**—Paper made from high-grade nicotine solution. Hang up and light and it will destroy green fly, thrips, and all insects destroyed by tobacco. 24 sheets, \$1.35; 144 sheets, \$5.50.

**PARIS GREEN**—Used for potato bugs and other eating insects. ½ lb., 30c.; 1 lb., 55c.; 5 lbs., \$2.50; 14 lbs., \$5.00.

**P. T. B. (PARA-DICHLORABENZENE)**—A successful remedy for peach tree borers. 1 lb. can, 50c.; 5 lbs., \$2.00; 10 lbs., \$3.50.

**RAT NIP**—Sure death to rats, mice, Roaches, water bugs, gophers, etc. Full directions, 35c. per tube.

**SCALECIDE**—Spray during winter or early spring when trees are dormant; cultural directions on cans. 1 qt., 75c.; 1 gal., \$1.75. In bulk \$1.00 per gallon, cans extra, in Bbls., 75c. per gal.

### QUICKLY KILLS GARDEN PESTS

Cutworms, Sowbugs, Grasshoppers, Slugs, Snails, Ear-wigs, Etc., Are Exterminated

Snarol is a ready prepared meal that you simply broadcast on the ground, under the vegetation. The pests eat the meal and are quickly destroyed.

Snarol will not deteriorate from rain or sprinkling and also is non-injurious to vegetation when used according to simple directions. Prices—1-lb. packages, 45c.; 3-lb. packages, 95c.; 15-lb. bags, \$3.50; 50-lb. bags, \$9.50.



**RED ARROW**—Non-Poisonous Spray. 1-oz. bottle, 30c.; pint tin, \$1.75; qt., \$6.00; gallon, \$22.00.

**SLUG SHOT**—Sure death to the cabbage worm. It destroys all other insects also. 1-lb. carton, 20c.; 5 lbs., 60c.

**SULPHUR POWDERED**—Used on steam pipes in paste form or for spreading on roses for mildew. 10c. per lb.; \$5.50 per 100 lbs.

**TOBACCO POWDER**—10c. per lb.; 25 lbs., \$1.75; 100 lbs., \$5.50.

**TOBACCO STEMS**—Used for fumigating, for covering lawns to furnish ammonia and drive away insects and moles. 1 lb., 10c.; 5 lbs., 30c.; 10 lbs., 50c.; \$2.50 per 100.

## Stanley's Crow Repellent

### Protect Your Seed Corn

During the period when it is most easily damaged, by ridding your crop of crows and other corn-pulling birds and animals. It saves loss of seed and labor of replanting. It positively will not clog any planter. It is non-poisonous and will not injure the seed.

**Large Can** (enough for 2 bu. of seed corn) ..... \$1.50

**Small Can** (enough for 1 bu. seed corn) ..... \$1.00



**TREE TANGLEFOOT**—A sure remedy against caterpillars. Gypsy moths and other insects which climb the trunk of a tree. 1 lb., 50c.; 3 lbs., \$1.45; 10 lbs., \$4.50.

**WHALE OR FISH-OIL SOAP**—Used during summer as a wash; stimulating to the plant and prevents the spread of scale. 1 lb., 25c.; 5 lbs., \$1.10; 25 lbs., \$4.50.

**WILSON'S O. K. PLANT SPRAY**—A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc., for inside and outside spraying. 5 gals., \$12.00; 1 qt., \$1.00; 1 gal., \$3.00.

**WILSON'S WEED KILLER**—One application should be sufficient for the season. 1 qt., 75c.; 1 gal., \$1.65; 5 gals., \$6.50.

**ALTAIDE WEED KILLER DUSTER (Non-Poisonous)—1-lb. DUSTER** (kills 100 sq. feet of weeds) ..... 50c Each

**3½-lb. DUSTER** (kills 350 sq. feet of weeds) ..... \$1.50 Each

**Bulk sizes for refilling duster or for making solution**

**50-lb. Drum** (kills 5,000 sq. feet of weeds) ..... 20c lb.

**100-lb. Drum** (kills 10,000 sq. feet of weeds) ..... 19c lb.

**200-lb. Drum** (kills 20,000 sq. feet of weeds) ..... 18c lb.

## CYANO GAS

**CYANO GAS A-DUST**—For the positive control of rats, mice, moles, groundhogs, ants, fleas and other pests. ½ lb. tin, 45c.; 1 lb. tin, 75c.; 5 lb. tin, \$3.00; 25 lb. tin \$10.00; 100 lb. drum \$30.00.



Price \$1.00 Each

A small hand duster for applying Cyanogas A-Dust to Rat and Woodchuck holes, also mole runways. Provided with flexible extension tube to facilitate application of dust in rodent control work. This duster may also be used with any insecticide dust by removing the extension tube.

**CYANO GAS G-FUMIGANT**—For greenhouse and mushroom house fumigations, wireworm control, bulb fumigation, and all general fumigating purposes. In the greenhouse, . . . oz. per 1,000 cubic feet will control Aphids, White Fly, Soft Scale and Thrips. 5 lb tin \$3.00; 25 lb. tin \$10.00; 100 lb. drum \$30.00.

## Japanese Beetle Traps and Bait

The sure way of killing the Beetle Traps. 30c., 75c., and \$1.50 each. Bait, 10c., 30c., 50c., per can 1 lb., \$1.50; 5 lbs., \$5.00.

## Oleate Coated Arsenate of Lead

Protect your Trees, Shrubs, Roses, etc., against the Japanese Beetle, by spraying with foliage with coated Lead. 1 lb., 65c.; 2 lbs., \$1.15; 25 lbs., \$7.00; 100 lbs., \$22.00.



**Pyrox**  
REG. U. S. PAT. OFF.  
TRADE MARK REGISTERED

## The Powerful Triple-duty Spray

### Kills Bugs, Controls Disease Increases Yields

The best spray for the small fruits, vegetables and flowers of the garden, as well as for commercial crops. It kills leaf-eating insects, prevents blights and rot and stimulates growth.

Commercial potato growers have found that Pyrox increases yields 20% and more. Actual figures prove it pays to spray with Pyrox. Wherever this time-tested well-known, insecticide and fungicide has been properly used, better crops, larger yields and extra profits have resulted.

Mr. F. F. Smiley, a potato grower of Caribou, Me., used Pyrox and obtained an increase in yield of 20 barrels to the acre. The potatoes were free from rot, and medium size with almost no sort-outs. The quality of his crop was so high that he was offered a contract by a Southern broker for the coming year's crop at 15c. per barrel over the going market price at time of shipment. There are many such cases in other sections of the country we should be glad to tell you about, giving you the names and addresses of growers. Remember that it pays to spray with Pyrox even when there are no bugs or blights, because of the resulting increased yields and higher quality.

Pyrox is easy to use. Five minutes and you're ready to spray. No fuss or muss. Simply dip this creamy-smooth paste out of jar or can, add water as directed; stir—and in a few moments you have a perfect mixture that sprays mist-like through the finest nozzles. Pyrox lays a thin protective coating over the whole plant. Sticks like paint. One pound of Pyrox makes 5 to 6 gallons of spray.

The new Spray Guide contains up-to-date spray information of value alike to the home gardener and the commercial grower. You may have a copy free. Prices:—1 lb. 50c.; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.25; 50 lbs. \$10.75; 100 lbs. \$15.50; 300 lbs. \$43.50.



Bowker's Powdered Arsenate of Lead. The result of 33 years of manufacturing this product a longer experience than that of anyone else in the business. Bowker's can be used either as a spray or as a dust for all external-chewing insects. It will not burn or injure your crop. Bowker's mixes easily, stays well in suspension and is so finely divided that you get an even distribution with no trouble from clogged nozzles. Sticks to the foliage thru heaviest rains. In Bowker's you obtain unusual efficiency at no additional cost. Prices: 1 lb. 35c.; 4 lbs. \$1.00; 25 lbs. \$5.25; 100 lbs. \$22.00.

#### BOWKER'S POWDERED BORDEAUX MIXTURE

A powerful fungicide for the control of blights, rusts, and rots in any crops where bordeaux is recommended by the experiment stations or other agricultural authorities. Fine light and fluffy Bowker's Bordeaux mixes easily and completely. Hence it covers evenly and sticks well to the foliage. When bugs or worms are present use Bowker's Pyrox in place of Bordeaux, as bordeaux contains no poison. Prices:—1 lb. 35c.; 4 lbs. \$1.00; 25 lbs. \$5.25 100; lbs. \$20.00.



### Scientific Preparations Endorsed by Leading Rosarians and by Us

**Fungtrogen**  
FUNGICIDE FERTILIZER  
TRADE MARK

Conquers Mildew and Black-spot on roses and diseases of other plants. Assures luxuriant foliage and bloom.

1/2 pt. ....	\$0.75	1/2 gal. ....	\$3.50
Pt. ....	1.25	Gal. ....	6.00
Qt. ....	2.00		

**Insectrogen**  
TRIPLE SERVICE  
FUNGICIDE INSECTICIDE FERTILIZER  
TRADE MARK

A remarkably effective insecticide that rids your roses and plants of leaf-chewing insects, including caterpillars, slug worms, Japanese beetle, etc., and many blights. Also fertilizes the plant through the foliage. Use alternately as a companion spray with Fungtrogen. Both carry their own spreader. Only water is required.

4 oz. ....	\$0.60	Quart. ....	\$2.75
1/2 pt. ....	1.00	1/2 gallon. ....	4.50
Pint ....	1.75	1 gallon ....	8.00

All these sprays are highly concentrated, making 60 times their volume when diluted with water.

**Ferogen**  
GROUND DRESSING  
SOIL STABILIZER AND FERTILIZER  
TRADE MARK

Spring-Summer Ground Dressing and Ground Stabilizer. A valuable plant-food. Reinforces manure fertilizer. Supplies essential elements to the soil.

1-lb. tins. ....	\$0.75	10-lb. tins. ....	\$4.75
2-lb. tins. ....	1.25	25-lb. tins. ....	11.00
5-lb. tins. ....	2.75	100-lb. kegs. ....	40.00

**Ferogen**  
GROUND DRESSING  
FUNGICIDE INSECTICIDE FERTILIZER  
TRADE MARK

Autumn-Winter Ground Dressing and Soil Disinfectant. Destroys the spores of fungi of most diseases. Kills the larvæ of insects, such as rose-pith, borer, rose

1-lb. tins. ....	\$0.75	10-lb. tins. ....	\$4.75
2-lb. tins. ....	1.25	25-lb. tins. ....	11.00
5-lb. tins. ....	2.75	100-lb. kegs. ....	40.00

NOTE—A 10-pound tin of Ferogen or Tergen is sufficient for one application for 30 to 50 rose bushes.

YOU WILL BE ASSURED  
**BEAUTIFUL GARDENS**  
**LOVELY HOUSE PLANTS**  
by using the new, improved,  
quick dissolving fertilizer  
tablets



No Waste, No Weeds, No Run-off, Uniform Feeding, Easy to Use, Immediate Fertilization, Economical. Guaranteed Analysis: Nitrogen 11%; Phosphoric Acid 15%; Potash 20%, being the most concentrated plant food tablets on the market.

30 Tablets 25c; 75 Tablets 50c; 200 Tablets \$1.00; 1000 Tablets \$3.50

FULTON'S  
**PLANTABBS**  
ODORLESS PLANT FOOD TABLETS





# SEED DISINFECTANTS

Control Seed-borne Diseases of Farm Crops  
Stimulate Germination - Improve Stands  
Generally Produce Increased Yields of Higher Quality

## CERESAN

*for seed treatment of small grains*



PRICES	
8 oz.	\$ .50
1 lb.	.75
5 lbs.	3.00
25 lbs.	12.50
100 lbs.	49.00
300 lbs.	144.00

Ceresan has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stripe disease of barley; loose and covered smuts of barley and oats and covered kernel smut of sorghum. It is the only dust treatment which has successfully controlled these destructive grain diseases. Ceresan does not injure the seed nor the grain drill. Only 2 oz. of Ceresan required per bushel of wheat, rye or sorghum and 3 oz. for barley and oats. Easy to apply, economical to use.

## SEMESAN BEL

*for seed white and sweet potatoes*



PRICES	
4 oz.	\$ .50
1 lb.	1.75
5 lbs.	8.00
25 lbs.	31.25
100 lbs.	120.00
300 lbs.	345.00

Simply mix, dip, drain, dry and your seed potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Semesan Bel effectively controls such seed-borne disease organisms as scab, rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed. Du Bay Semesan succeeds the products sold as Du Pont Semesan Bel and Bayer Dipdust.

## SEMESAN JR.

*for seed field and sweet corn*

Semesan Jr. is especially effective in controlling seed-borne infections of diplodia, Gibberella and Basiporium, without harming the seed embryo in the least. Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields are the benefits which thousands of farmers are reaping, at a cost of less than 3c. an acre. Succeeds the products sold as Du Pont Semesan Jr. and Bayer Dust.



PRICES	
4 oz.	\$ .50
1 lb.	1.75
5 lbs.	8.00
25 lbs.	31.25
100 lbs.	120.00
300 lbs.	345.00



PRICES	
2 oz.	\$ .50
1 lb.	2.75
5 lbs.	13.00
25 lbs.	56.25
100 lbs.	220.00
300 lbs.	645.00

## SEMESAN

*for flower and vegetable seeds*

Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from 1/4c. to 1c. per pound of seed. One ounce treats 15 lbs. of seed. Effective in controlling damping off and such devastating gladiolus diseases as hard rot and scab. Du Bay Semesan succeeds the products sold as Du Pont Semesan and Bayer Uspulun.

Du Bay Seed Disinfectants, like many agricultural chemicals, are poisonous in nature and owing to present Postal Regulations cannot be sent through the mails but must be sent by express or freight.

**Treat All Seeds Before Planting with Du Bay Disinfectants**

# Coldwell Dependable Power Lawn Mowers

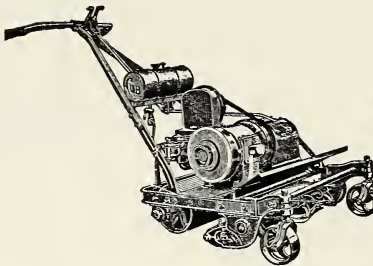
HAND, HORSE, GASOLINE POWER

The name Coldwell has stood for the highest Standard in Lawn Mower construction since Thomas Coldwell built the first American Lawn Mower in 1867.

The Coldwell Lawn Mower Company is the fourth largest lawn mower manufacturer confined exclusively to the production of lawn Mowers of quality and type of machine suitable for every requirement of small and large lawn, parks and golf courses.

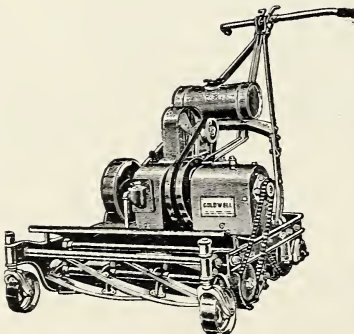
Coldwell Power Mowers are all equipped with Steel Roller which packs and levels the soil which helps to retain the moisture and a better grown lawn is had with continous cutting and rolling at same time.

Coldwell Power Mowers are very desirable for rolling the lawn early in spring—"All prices subject to change with market conditions."



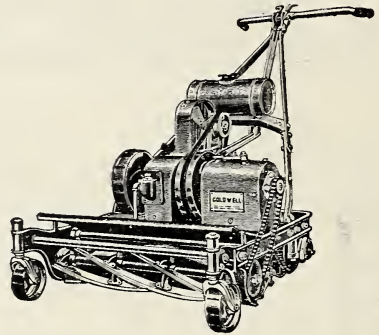
**COLDWELL "CUB"**

An ideal small type of power mower and roller, just the nicest mower for small lawns. 21 inch cut  $1\frac{1}{2}$  H. P. engine, \$195.00, F.O.B. Factory.



**COLDWELL "L" JUNIOR**

A medium size high grade power mower and roller. 25 inch cut,  $1\frac{1}{2}$  H. P. engine, \$255.00, F.O.B. Factory. Grass box, \$13.00.



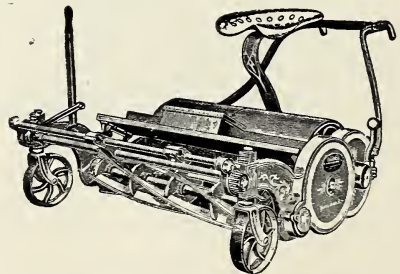
**COLDWELL "L" TWIN**

Nothing better can be had for a large lawn. 25 inch cut. 5 H. P. engine, \$335.00, F.O.B. Factory. Grass box, \$12.00. Riding Sulky, \$20.00.

Units can be attached to this mower to make it cut 60 inches, \$395.00.

**TWIN 30**

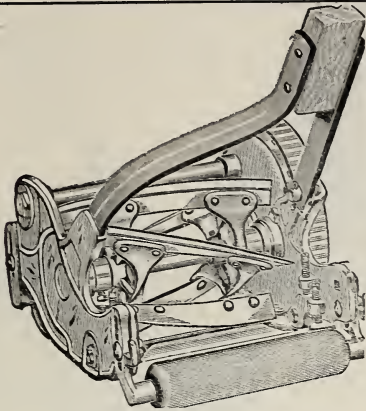
**Twin 30**—The same type of mower and roller as Twin L. 30 inch cut, 5 H. P. engine just the mower for a large estate. Cut 6 to 8 acres per day. Price \$385.00, F.O.B. Factory. Grass box \$15.00. Riding Sulky, \$20.00.



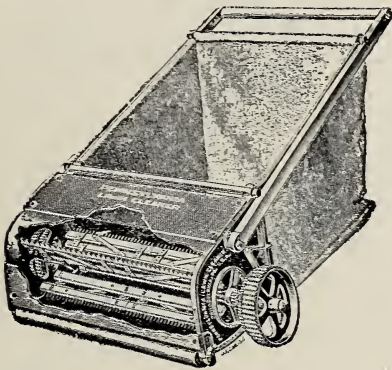
**COLDWELL HORSE LAWN MOWER AND ROLLER**

It is acknowledged as the standard of quality, being used in many parks and golf links, this mower and roller is complete with seat, shafts and side draft attachment. 35 inch cut. Price \$135.00, F.O.B. Factory.



**COLDWELL LAWN TRIMMER**

This Trimmer is made to meet the demand to Cut Grass close to a Building or Border. Price \$9.50.



Lawn Rake and Cleaner, 24" \$32.00. 36" \$45.00.

**COLDWELL DEPENDABLE HAND LAWN MOWERS**

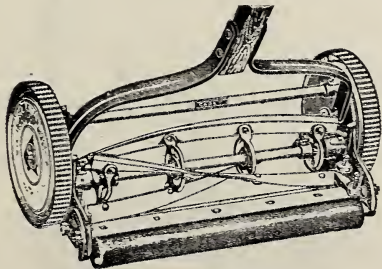
We carry the largest and best assortment of Lawn Mowers in our City.

Experience—Ours is of the Practical kind. We will be pleased to suggest one to suit your needs whether you have a small Lawn or a large one.

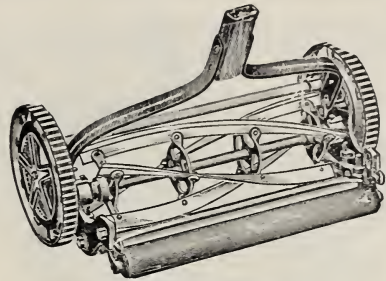
In our judgment we can save the purchaser money or an unnecessary over weight mower.

The Coldwell line of mowers have been on the market for the past 60 years. Best material and workmanship enters into their mowers.

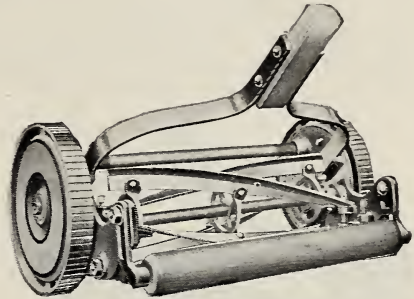
We will warrant any mower from Coldwell to give satisfaction.

**COLDWELL "CADET"**

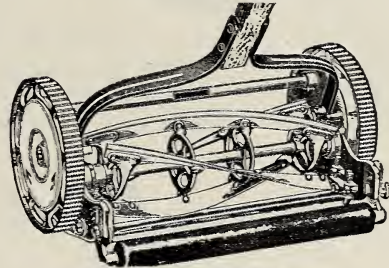
A good serviceable mower for a small lawn. Price 16" \$5.40; 12" \$5.90; 14" \$6.40.

**COLDWELL "CRUSADER"**

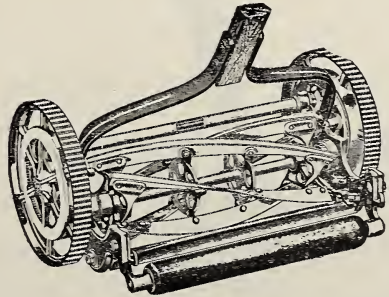
Strong. High Wheel, Ball Bearing Mower. 14" \$7.40; 16" \$7.90.

**COLDWELL "COLONIAL"**

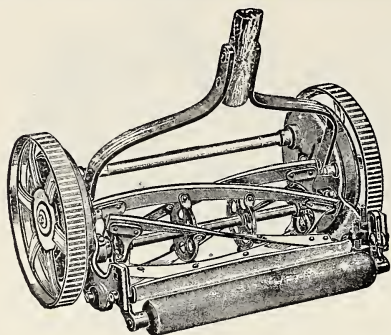
Meets demand for a light weight ball bearing easy running machine. One of the best for terrace mowing. Workmanship on this machine is fine. Wheels 8" high. 12" \$9.00; 14" \$9.75; 16" \$10.25; 18" \$11.00.

**COLDWELL'S "LAKEWOOD"**

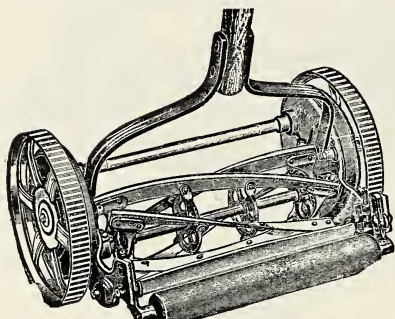
It is a medium priced ball bearing mower adapted for medium size lawn. Very serviceable. 14" \$10.75; 16" \$11.50; 18" \$12.50.

**COLDWELL'S "AMBASSADOR"**

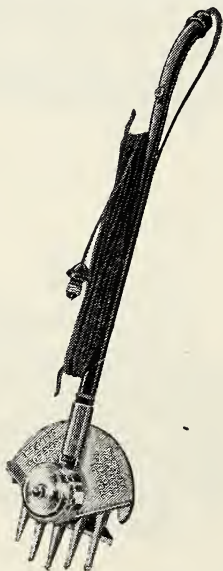
A high grade, light weight lawn mower. Postively the best 5-blade, 10" wheels ball bearing machine made. 16" \$13.50; 16" \$13.50; 18" \$14.50.

**COLDWELL'S "PARK"**

The Park ball bearing is a very high class, 5 blade mower with Triple Pawl Ratchet and train of drive Gears. Very popular with professional gardeners and high class Trade Price. 14" \$18.50; 16" \$20.00; 18" \$21.75; 20" \$22.50.

**COLDWELL "IMPERIAL ROLLER BEARING"**

Designed to meet the demands of large lawns, park and cemetery work, 5 blades, Triple pawl ratchet in each drive wheel, dirt proof gear case Timkin Bearings, self-oiling 10" wheels, six spoke, open style, best mower for hard service. Easy running Machine. 16" \$19.00; 18" \$20.00; 20" \$21.00.

**HEDGE TRIMMER**

Electric Hi-Speed Hedge Trimmer, it is the fastest trimmer you ever saw, we demonstrate it to you. \$45.00.

**LITTLE WONDER**

Hedge Trimmer. Excellent machine for cutting new growth of hedges. 30" cutting bar. \$25.00. 40" cutting bar \$27.50; 30" cutting bar with wheel \$29.50.

**"BROOM - RAKE"**

TRADE MARK  
PAT. APPLIED FOR

Bamboo Broom Rake, 75c, \$1.00, \$1.25 and \$1.50 as to size and quality.

Steel Broom Rake, \$1.25.

### The "OUT-U-KUM" WEED PULLER

An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the ENTIRE ROOT, with little or no clinging soil.



75c each



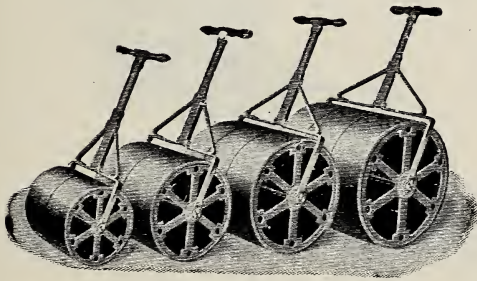
**WATER BALLAST ROLLER**

With this roller you can vary your weight as desired, all the way from 90 lbs. to 800 lbs.

No.	In.	Sect.	Lbs.	Price
602	18 x 24	85	330	\$16.50
603	24 x 24	100	440	18.50
604	24 x 32	135	590	22.00

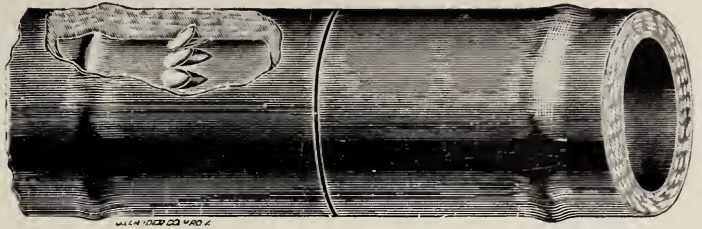
**PLAIN BEARING**

605	14 x 24	60	250	\$12.50
606	18 x 24	95	330	14.50

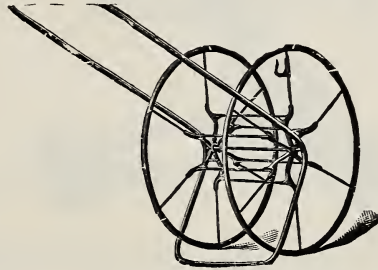
**Rollers, Prices Follow****ROLLER BEARING LAWN ROLLER**

Winter thawing and freezing heaves the ground and loosens the roots of the grass, the roller packs it back and preserves. Constant rolling eradicates moles. In offering you this roller bearing lawn roller we do so with the utmost confidence in it for easy draft, light weight and durability.

No.	Dia. Inches	Sect.	Lbs.	Price
504	20 x 20	2	250	\$23.00
507	20 x 24	2	300	37.50
509	24 x 20	2	400	37.50
511	24 x 24	3	500	42.00

**RUBBER HOSE**

For lawn, garden and street use. We carry a complete line of hose in all lengths, the best grades that will give good service and which we know will give satisfaction. Our best grade hot-house hose will last for years. Different grades. 12c., 14c., 16c. and 18c. per foot. All made in Trenton.

**Hose Reel, Prices Follow****HOSE REELS**

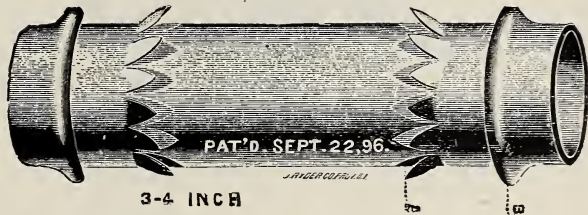
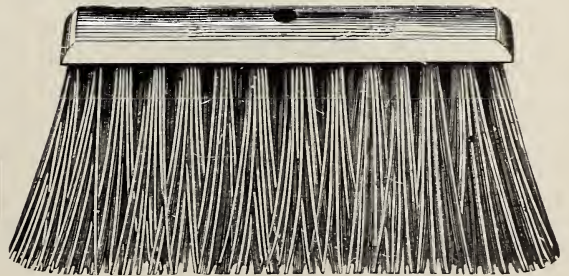
A garden which requires fifty foot of hose also requires one of our all-iron hose reels. They are light, durable and frictionless and will not tip over.

No. 10, 21-inch wheel, holds 100 ft. . . " hose. \$4.75.

No. 20, 24-inch wheel, holds 200 ft. . . " hose. \$5.75.

No. 30, 30-inch wheel, holds 500 ft. . . " hose. \$00.00.

Iron, \$2.25 and up; Wood, \$1.50 and up.

**COPPER HOSE MENDER 10c Each****Push Brooms for walks and driveways \$1.25 to \$1.50 each**

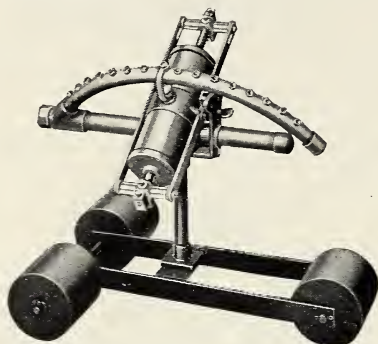
# Sprinklers and Dusting Bellows

SKINNER SYSTEM OF IRRIGATION—Overhead and Underground Sprinkling Equipment

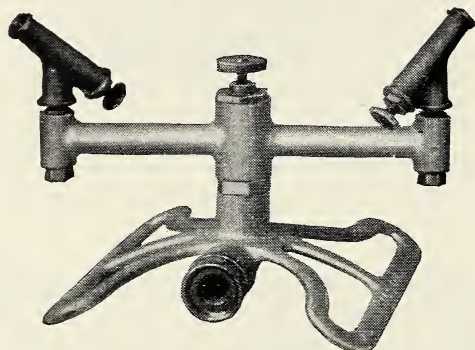
Overhead Irrigation Line covers a space 50 ft. wide. Furnished in any lengths. Operates on 25 lb. pressure. Automatic or hand turn. Prices on request.

Concealed Irrigation. Pipe lines buried in ground. Head covers circle 20 ft., diameter. Full data furnished when buying heads.

P.S. Type pop-up head.....	\$6.00
No. 3 Type pop-up head.....	2.50
No. 1 Stationery head.....	1.00

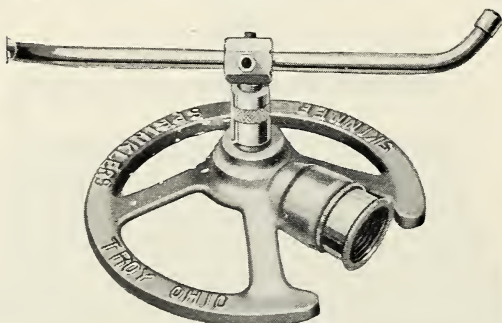


Rain Wave Sprinkler. Covers a space 50 to 60 ft. square. Complete and ready to use. Operates on 25 lbs. pressure. Weight 17 lbs. Price \$35.00.



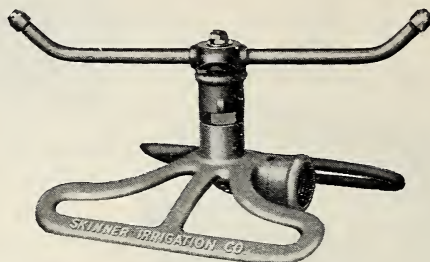
The nozzles have received special care in design and workmanship. They are large to permit free flow of water, are easily adjustable and "stay put", because of positive thumb screw action.

Weight, 3 lbs. 30 pounds pressure recommended for most efficient service. Waters 50 foot circle. \$4.75 each.



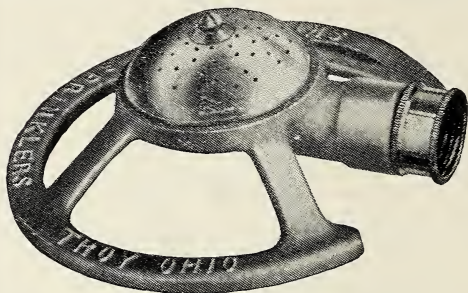
GRASS GROWER SPRINKLER

Will cover a 50-ft. circle. Nozzles and arms of brass. A reliable sprinkler with exceptionally good water distribution. Price \$2.00.



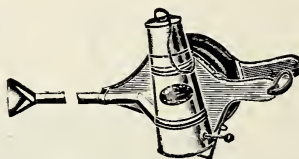
MOR-RAIN SPRINKLER

A double duty sprinkler. Half turn of central head this sprinkler is converted into a half circle sprinkler. Tobin Bronze bearings used. A long life sprinkler. Price \$3.00.



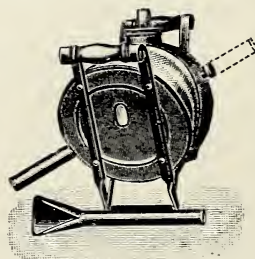
The water streams are fine and cover circles up to thirty-five feet in diameter. It is the kind of spray that makes grass grow like magic.

If you have an ordinary size place and want a sprinkler that will give years of satisfactory service, invest in a Lawn-Life. 93c.



PLATZ FAMOS HAND DUSTER

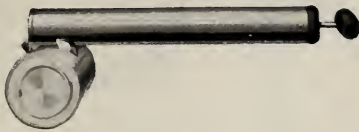
Its agitator will crush and sift sulphur as well as the standard dusting materials. Regulator is adjustable for a light or heavy application. Bellows of high quality leather. Extension pipes and spreader of 24 inches. Compact and efficient. Capacity, one pound. Price, \$5.00.



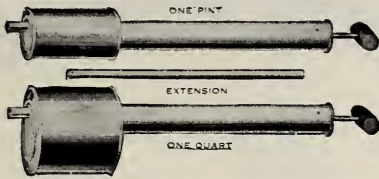
PLATZ GREEN HAND DUSTER

Materials must first be sifted. Discharge pipe can be arranged to throw dust up or down. Has large, powerful leather bellows. Capacity, four pounds. Price, \$6.00.





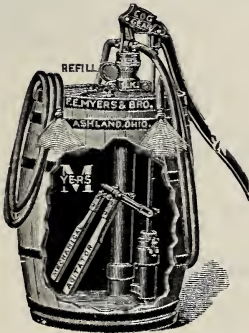
Handy Sprayer, 35c up



Handy Duster, 60c up



Double Acting Sprayer, \$4.50



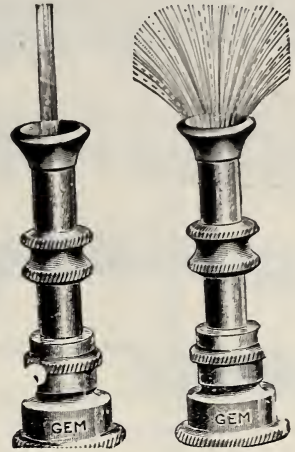
Barrel Spray Complete 15 ft. Hose, Pipe, Nozzels, etc., \$30.00



12 Gallons on Wheels, \$22.50



Myers Bucket, \$4.50



Hose Spray Nozzle, 65c up

## It Sprays Continuously



Tin \$1.00 each, Brass \$1.50 each, Glass 1.25 each



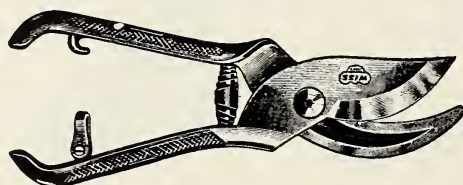
Auto Sprayer, \$6.50 to \$9.75  
Small Tank \$4.50 to \$8.00



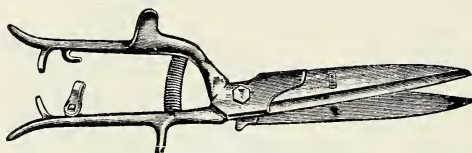
White Wash Sprayer, \$9.00



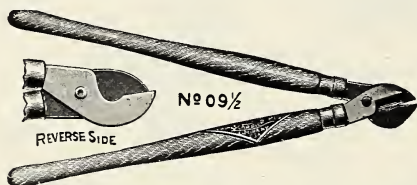
Pruning Knives, 75c to \$2.50



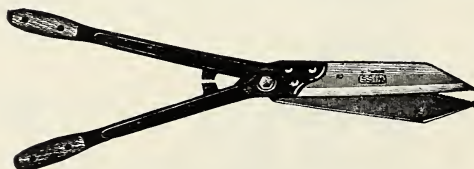
Pruning Shears, 65c to \$3.50



Grass Shears, 65c to \$1.50



Lopping Shears, \$1.50 to \$4.50



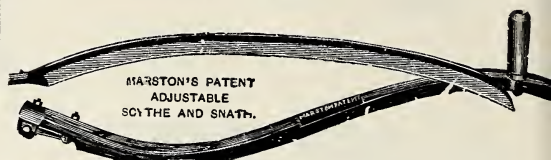
Hedge Shears, \$1.75 to \$4.50



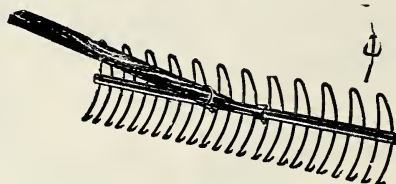
Whet Stones, Pikes, 15c to 35c



Sickles, 65c to 75c

Brush and Grass Scythes  
\$1.35 to \$2.50

Snath and Scythe, \$3.00 to \$4.35



Wire Lawn Rakes, 65c to \$1.50



Edging Shears, \$4.00 to \$4.75



Dibble, 75c to \$1.25



Pruning Saws, \$1.75 to \$4.00

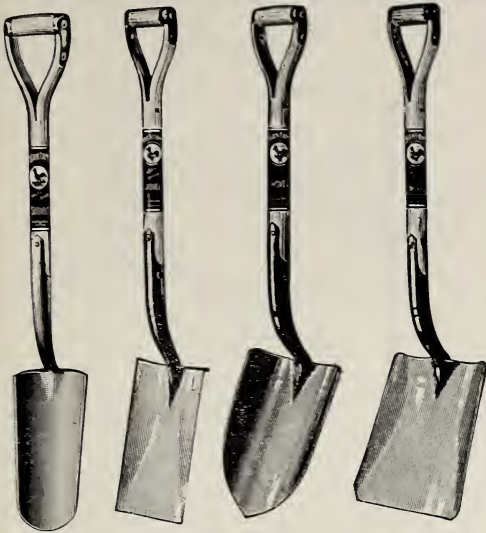


Garden Trowels, 15c to 90c



TREE PRUNERS OF VARIOUS KINDS AND LENGTHS





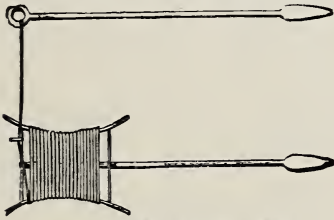
Flexsteel Solid Shank Shovels and Spades \$1.50 Each



Steel Rakes 90c. to \$1.50



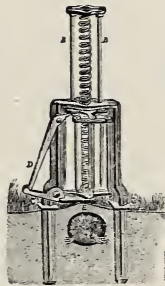
Asparagus Bunchers  
\$4.50 to \$8.50



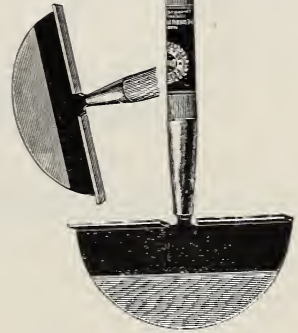
Garden Reel and Line.  
\$1.50 to \$3.00



Cart and  
Barrel, 3 in.  
Tread \$18.00



Mole Traps, \$1.25  
to \$2.00



Grass Edgers \$1.25 up



\$1.25 to \$1.50



75c. to \$1.40



\$1.25 to \$2.75



\$1.60 to \$2.75



\$1.15 to \$1.50



60c. to \$1.25



LABEL YOUR PLANTS FOR YEARS  
YEARS TO COME WITH

SIMPLEX WEATHER-PROOF PLANT LABEL

The material carrying the writing is white celluloid with a specially prepared surface, protected by a transparent cover of mica. Marking done with an ordinary lead pencil is not affected by the most severe weather conditions and will last for years; water entering under the cover will not deface the writing. Simplex Weather-proof Labels are adapted for all outdoor garden records.

Prices include copper wires for attaching.

Sizes	Doz.	100
No. 1—3x1½ in.....	\$0.50	\$3.00
No. 2—4x¾ in.....	.75	5.00
No. 3—5x 1 in.....	1.00	7.00

If wanted by parcel post, add 5c. per doz.; 10c. per 100 for postage.

SIMPLEX WEATHER-PROOF  
GARDEN LABEL

Card holder is made of special Armco rustproof galvanized iron. The stake is 24 inches long, finished in dark green, enameled.  
No. 10—2¾ x 1½ inches, 25c. each; \$2.75 doz.

GARDEN OR POT LABELS

Wood, Painted	100	1,000
4 x 5⁄8" wide.....	\$0.30	\$2.00
5 x 5⁄8" wide.....	.40	2.50
6 x 5⁄8" wide.....	.50	3.00
8 x 5⁄8" wide.....	.75	7.00
10 x 7⁄8" wide.....	1.20	10.00
12 x 1½" wide.....	1.50	12.00

TREE LABELS

3½-in., painted, copper wired...	.40	3.00
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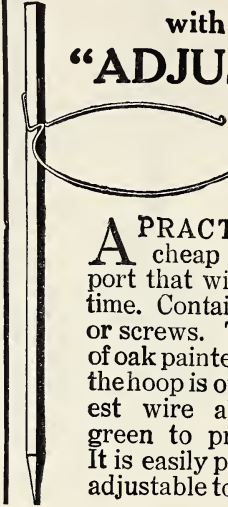
Timesaver  
Plant Support

A long lived, low priced, completely adjustable support, all metal parts being galvanized, java end is green. Can be adjusted as to height and size of loop almost instantly and is practically hidden by the foliage of the plant it supports.

PRICE PER DOZEN

No. 1-30".....	\$ .95
No. 2-3'.....	1.15
No. 3-3½'.....	1.60
No. 3-A-4'.....	2.20

Support  
Tomato Vines  
with  
"ADJUSTO"  
Plant  
Supports



A PRACTICAL and cheap plant support that will last a life time. Contains no hooks or screws. The stake is of oak painted green and the hoop is of the strongest wire also painted green to prevent rust. It is easily put up and is adjustable to any height.

SIZES AND PRICES

Stakes .in. square. Diameter of wires 13 inches.

3 ft. height, complete .....	\$2.40 per dozen
4 ft. height, complete .....	3.00 per dozen
5 ft. height, complete .....	3.60 per dozen
6 ft. height, complete .....	4.20 per dozen

Extra 13 in. wire loops (for use on the taller stakes and plants), \$1.80 per dozen.

STAKES ONLY

3 ft. stakes .....	\$1.20 per dozen
4 ft. stakes .....	1.20 per dozen
5 ft. stakes .....	1.80 per dozen
6 ft. stakes .....	2.40 per dozen

BAMBOO PLANT STAKES

Heavy, Natural Color. For dahlias and heavy outdoor plants.

Height	Diam.	Doz.	100	1,000
4 ft.	5⁄8 in.....	\$ .50	\$3.50	\$33.00
5 ft.	¾ in.....	.75	5.50	45.00
6 ft.	¾ in.....	1.00	7.00	55.00

NEPONSET FLOWER POT



Bird's Improved Neponset Flower Pots retain the moisture. They are most satisfactory for growing, shipping, and transplanting of seedlings or plants.

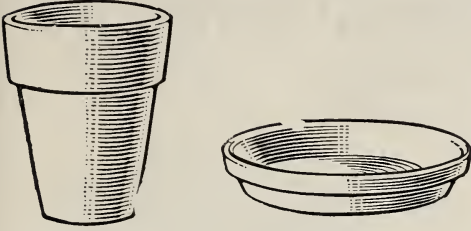
Quantity per case	Weight lb.	Doz.	100	1,000
1,000 2½-in.....	16	\$0.10	\$0.60	\$5.00
1,000 3-in.....	24	.15	.75	6.50
1,000 3½-in.....	34	.20	1.00	8.50
500 4-in.....	23	.25	1.50	10.00
500 5-in.....	37	.40	2.00	17.00
500 6-in.....	51	.50	2.50	21.00

TROWELS

Steel Shank. This is the best Trowel made. The ferrule and shank, as well as the blade, are forged in one piece, from the very best material. 8-in. 90c.



## FLOWER POTS, SAUCERS, PANS AND TUBS



**STANDARD FLOWER POTS**—Full inside measurement. No charge for packing. Six at dozen rate, 50 at 100 rate. 500 at 1000 rate. Prices on application for in 2 or more thousand. F.O.B.

## POTS AND PANS

Sizes	Each	Dozen	Per 100	Per 1000
2 -inch	\$0.02	0.20	\$1.20	\$11.25
2 -inch	.02	.20	1.30	12.75
2 -inch	.02	.25	1.60	15.00
3 -inch	.03	.30	2.35	19.50
3 -inch	.04	.40	2.50	24.00
3 -inch	.05	.45	3.00	27.00
4 -inch	.05	.50	3.25	30.00
4 -inch	.06	.60	4.25	40.50
5 -inch	.07	.75	5.75	54.00
5 -inch	.10	1.00	7.00	67.50
6 -inch	.12	1.35	8.50	81.00
7 -inch	.18	1.75	13.50	100.00
8 -inch	.25	2.50	19.50	
9 -inch	.40	4.00	30.00	
10 -inch	.50	5.00	40.50	
11 -inch	.75	7.50	60.00	
12 -inch	1.00	11.00	82.50	
14 -inch	1.50	15.00	135.00	

## RICHMOND STYLE TREE TUBS

The tubs are made of white cedar, bound with flat steel hoop at bottom and three galvanized hoops above. Nicely painted green.

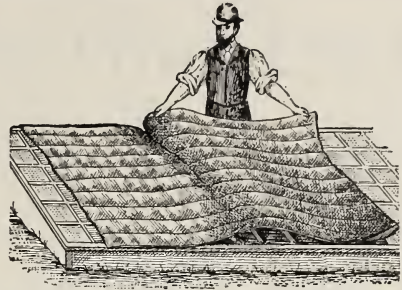
Size	Inside Diameter	Depth	Price
No. 1	6 in.	6 in.	\$0.65
No. 2	7 in.	7 in.	.70
No. 3	8 in.	8 in.	.75
No. 4	9 in.	9 in.	.85
No. 5	10 in.	9 in.	.90
No. 6	11 in.	10 in.	1.15
No. 7	12 in.	11 in.	1.35
No. 8	13 in.	12 in.	1.80
No. 9	14 in.	13 in.	2.00
No. 10	15 in.	14 in.	2.15
No. 11	16 in.	15 in.	2.60
No. 12	17 in.	16 in.	3.00
No. 13	18 in.	18 in.	4.00
No. 14	19 in.	18 in.	4.20



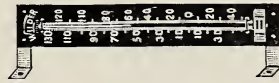
JARDINIERS IN VARIETY



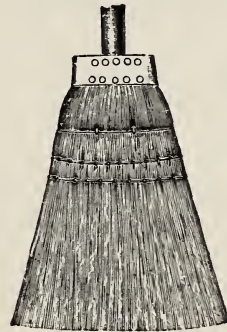
Window Boxes and Stands, \$1.50 and up



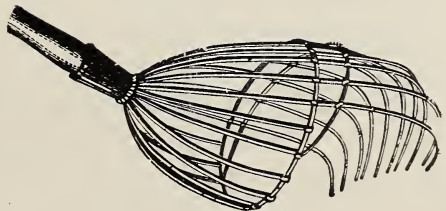
Hotbed Mats, Water Proof, 76" x 76" \$4.00



Thermometers for various uses, 50c up



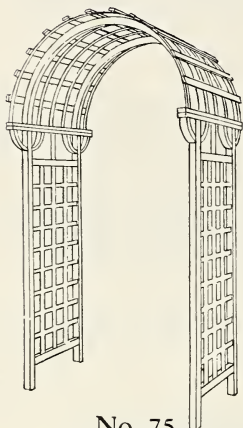
Lawn Brooms, \$1.25 up



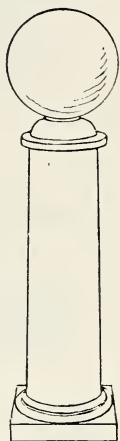
Fruit Picker, 45c

# Yard and Garden Furniture

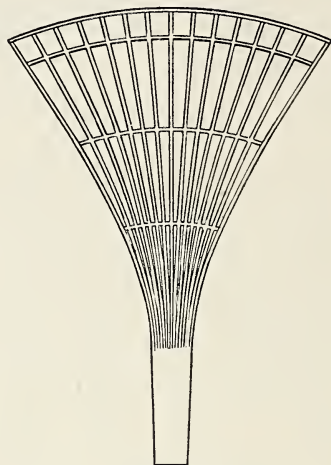
OF THE BETTER KIND  
PRICES ON APPLICATION



No. 75  
Rose Arch



No. 290  
Gazing  
Globe

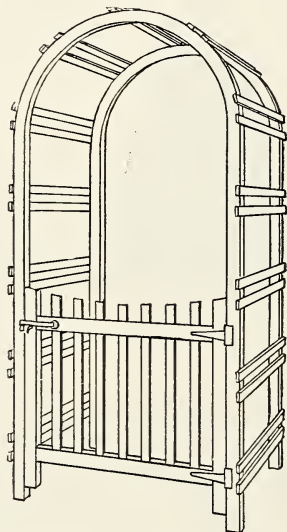


No. 55  
Rose Trellis

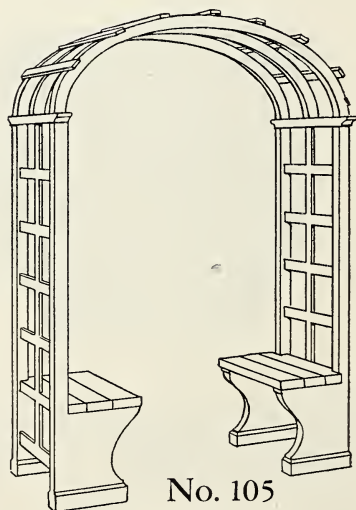
No. 290 Gazing Globe is bewitching in its reflected panoramas.

No. 75 Rose Arch is a popular type of real beauty. It has a width of 4 feet and a depth of 2 feet.

No. 55 Rose Trellis is made in two sizes: 7 feet high, over all, with 10 ribs and top spread of 4 feet, and 8 feet high, over all, with 15 ribs and top spread of 6 feet.



No. 166 Arched Gateway

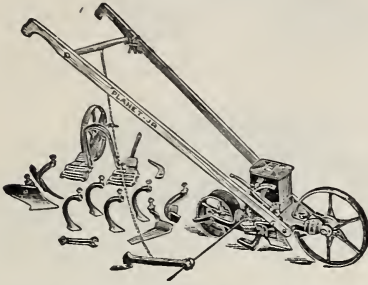


No. 105  
Arbor Seat

We have a large assortment of Trellises, Plant Stakes, Tables, also Bird Houses in various sizes.

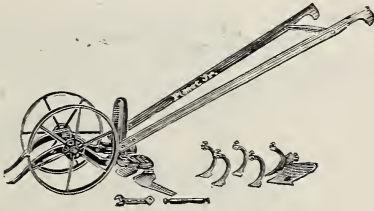


## PLANET JR., FARM AND GARDEN TOOLS



No. 25 PLANET Jr. HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, \$21.50

Hundreds of Planet Jr. users call this the "complete gardener." Sows all seeds in drills and drops in hills as explained under the No. 4. Used as a double wheel hoe, it is possible to work both sides at one time. After that the single wheel hoe permits cultivation on both sides of the row and in the middles. The cultivating attachments do all the necessary plowing, furrowing, hilling and general cultivation in the garden.

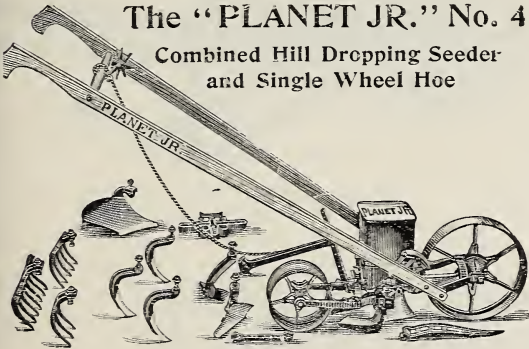


No. 12 PLANET Jr., DOUBLE AND SINGLE WHEEL HOE COMBINED. \$10.75

A very popular combination of Double and Single Wheel Hoe. Many customers write that they would not do without it for a great many times its cost. Rows can be straddled until the plants are 20 inches high, cultivating both sides at one time. Cultivating attachments permit you to do all the necessary work in the garden.

### The "PLANET JR." No. 4

Combined Hill Dropping Seeder and Single Wheel Hoe



The best combination of hill and drill seeder and single wheel hoe on the market today. More of them in use than any other. Sows all seeds in drills, at the proper depth and thickness and drops in hills, 4, 6, 8, 12 or 24 inches apart. Cultivating attachments enable one to do all the necessary garden plowing, furrowing, hilling and general cultivation. \$18.00.

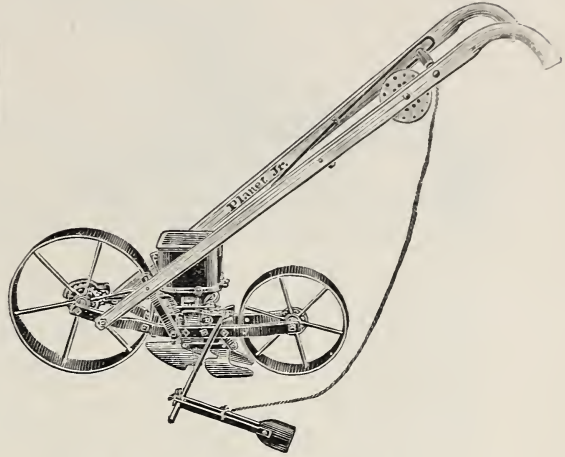
#### No. 4-D SEEDER ONLY

Hill and drill seeder only; works just like the No. 4, but has a capacity of three quarts. \$14.25.

No. 3 HILL AND DRILL SEEDER, \$17.50

No. 5 HILL AND DRILL SEEDER, \$20.00

The same, except that it has a capacity of five quarts.

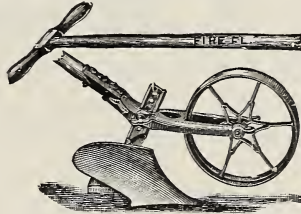


THE NEW PLANET Jr. No. 300 DRILL

A practical market gardeners and small planters Drill Hopper much larger than other drills. Price \$20.00

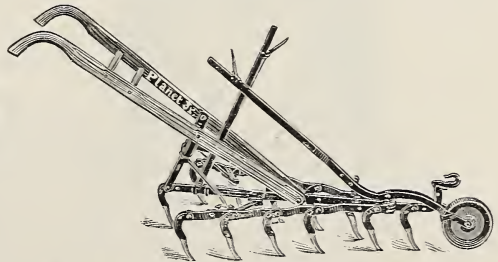
No. 13 PLANET Jr., DOUBLE AND SINGLE WHEEL HOE

Same as the No. 12, except the equipment consists of only the six-inch hoes, the most useful attachments, and all that are desired by some onion growers and others. \$8.25



FIRE FLY PLOW

With this tool you can open and close furrows, hill up plants, and cultivate the garden in general. \$4.25

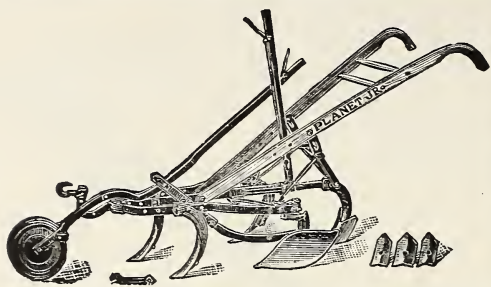


No. 90-D PLANET Jr. 12-TOOTH HARROW

The tool that strawberry and vegetable growers insist on getting. The teeth leave the ground in the finest condition. Tool is light and adjustable for all conditions. Hand levers regulate both width and depth. The tool expands to 32 inches and contracts to 12 inches. Steels are one and one-quarter inches wide and wear well. \$11.00

No. 17 PLANET Jr., SINGLE WHEEL HOE \$7.75

The attachments are Plow, Cultivator Teeth and Hoes.

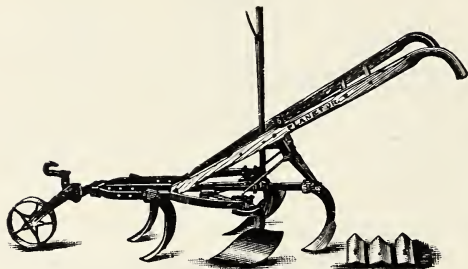


**No. 9 PLANET Jr. HORSE HOE WITH STEEL WHEEL**

A wonderful tool and just like the No. 8, except the depth regulator is not included. **\$14.25**

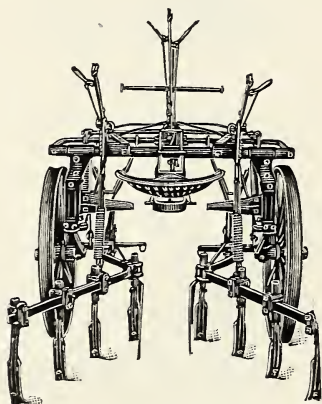
**No. 9 PLAIN CULTIVATOR AND LEVER**

Equipment: 4 3-inch by 8-inch cultivator steels; one 4-inch by 8-inch cultivator steel; one lever expander. **\$12.85**



**No. 83-D PLANET Jr., 7-TOOTH CULTIVATOR**

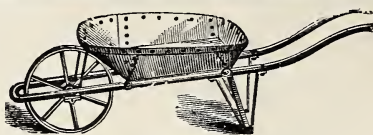
Equipment: seven 2¼-inch by 8-inch cultivator steels; level expander. **\$14.25 with wheel. \$12.25 no wheel.**



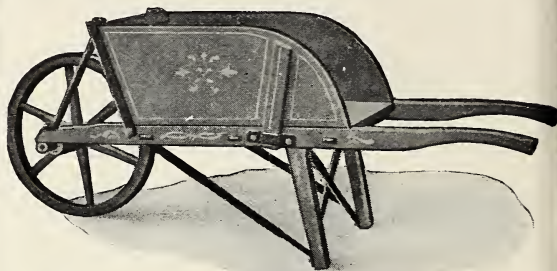
**No. 76-D PIVOT WHEEL RIDING CULTIVATOR**

No. 76 is a very popular riding cultivator, and needed by any farmer who cultivates from ten to hundreds of acres. Extra wide arch is 34 inches high; will work corn safely up to four feet. The frame and tongue are steel. The pivot wheels change in width easily to suit all rows from 28 to 48 inches, and they make guiding a pleasure. Malleable pivots and steel axles, both practically dust-proof. A very comfortable spring seat is added. Equipment consists of eight 2¼-inch by 10-inch steels and other Planet Jr., attachments can be added whenever desired. **\$76.00**

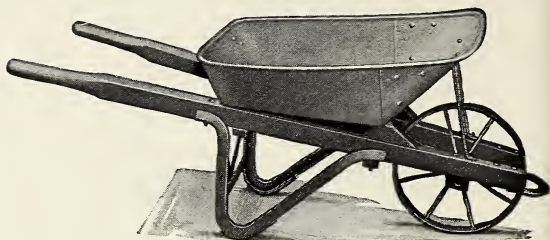
We also carry in stock other makes of Riding Cultivators from \$58.00 and up.



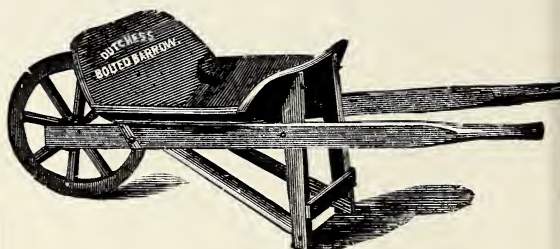
**Tubular Steel, \$7.50 to \$12.00, According to Size**



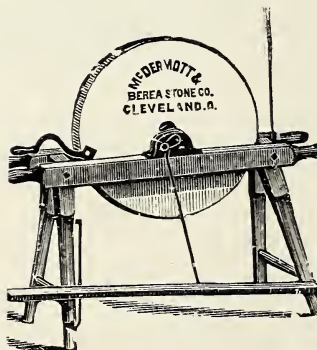
**Garden Barrow, in 4 Sizes, \$5.50 to \$9.50, Different Sizes**



**Contractor's Steel Tray Barrows, \$7.50**



**Dirt Barrows, \$3.75 to \$5.00**

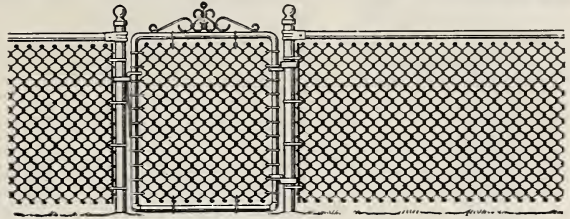
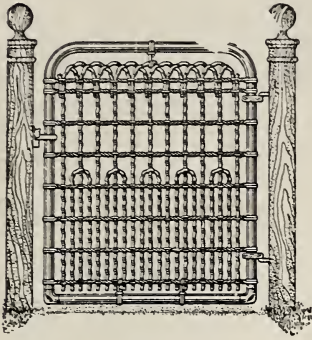


**Grindstones, \$8.00 up**



## Wire Fencing of Various Kinds and Makes

Cyclone, Roebblings, Pittsburg and American. For the Lawn, Garden, Farm, School Yard  
Tennis Court and Factory Yard. Estimates Given on Erection.



Our most popular and closest-mesh sanitary fence—opens up the yard to fresh air and sunlight, creating healthy playgrounds out of unsanitary back yards. Easily erected by anyone on ordinary wood posts and 2 x 4 top rail. Pickets No. 9 heavily galvanized wire spaced  $2\frac{1}{8}$  inches at top,  $1\frac{3}{8}$  inches at bottom, making fence absolutely chicken-proof. Best heights are 36, 42 and 48 inches.

**Price per Lineal Foot—Style "F"**—36-inch, 14 cents; 42-inch, 16 cents; 48-inch, 18cents. Special prices in large quantities. Three-foot Gate to match, \$3.50 and upward.

The new Galvanized-After-Weaving Chain Link Fencing built on all galvanized steel frame in the very latest and most desirable fencing to erect. Yes, the cost is a little more, but the life of the chain link material is many more years. Ask for estimate and circulars of same. No, this cannot be put on wood posts.

**Cyclone Flower Guard**—Fits any shape or size of bed. Bottoms of pickets left straight to be inserted in the ground.

Price, per Lineal Foot—16-inch, 8 cents; 22-inch, 10 cents; 28-inch, 12 cents.

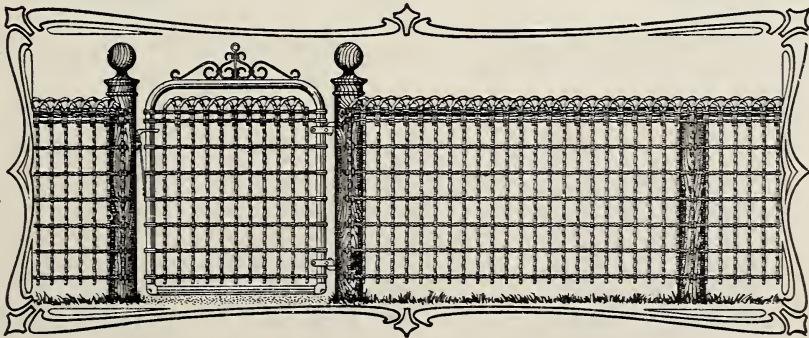
All Steel, 4 x 12 ft. Farm Gate, \$10.50.

All Prices Subject to Change Without Notice.

**Universal Walk Gate**—Strong enough for any yard, ornamental enough for any home. Heavy, high-carbon steel tubing, non-breakable frame with Chicken-tight Style "F" Fabric.

Furnished with fittings, to fasten to wood posts. Choice of 36-, 42- and 48-inch heights. Price for 3-ft. opening, \$3.50.

**"No Rust"** All Galvanized Farm Gates, Factory and Cemetery Fences, Arches, Trellis, Tennis-Court, Guards, Hitching Posts, Flower Bed Borders, Window Guards, etc.



FOR COMPLETE FENCE CONSTRUCTION

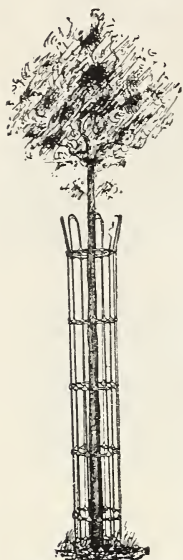
*Prices Will Be Given on Application*

# Wire Fencing and Poultry

## NETTING John A. Roebling Co., Maker

### 150 ft. Rolls

Galvanized After Weaving  
These Prices are all Subject to Change



TREE GUARDS  
\$1.75

#### 2" Mesh No. 20 Wire.

12 inches Wide	\$1.10
18 " "	1.65
24 " "	2.15
30 " "	2.75
36 " "	3.00
42 " "	3.50
48 " "	4.00
60 " "	4.95
72 " "	5.90

Less than Roll, 1½c. sq. foot.

#### 2" Mesh No. 16 Wire, Galvanized after Weaving 150 ft. Roll.

36 inches Wide	\$7.75
42 " "	8.75
48 " "	10.25
60 " "	12.50
72 " "	15.60

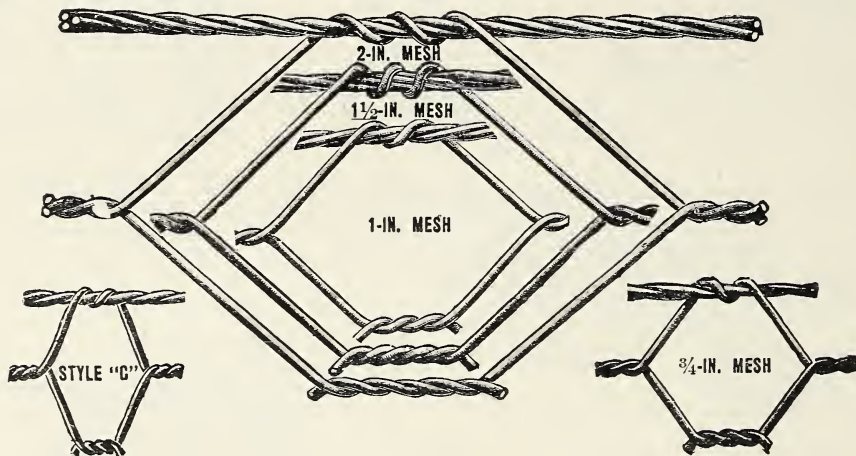
Less than Rolls, 3c. sq. foot.

#### 1" Mesh No. 20 Wire Galvanized after Weaving.

150 foot Rolls.

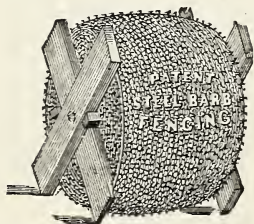
12 inches Wide	\$ 2.65
18 " "	3.85
24 " "	5.00
30 " "	5.90
36 " "	6.75
42 " "	7.75
48 " "	8.75
60 " "	11.25
72 " "	13.00

Less than Roll, 2½c. sq. foot.



#### Pittsburgh Perfect Fencing, 165 ft. Rolls, Heavy Gauge Wire. No. 9 and 11 Wire.

26 inches high, 7 wires, 6 inches stay	\$5.50
32 inches high, 8 wires, 6 inches stay	6.50
39 inches high, 9 wires, 6 inches stay	7.50



BARB-WIRE—\$5.50 per 100 lbs. No. 9 Wire  
Galvanized. \$5.50 per 100 lbs.

#### PITTSBURGH POULTRY FENCING

Heavy Gauge Wire, 165 ft. Rolls

No. 11 and 13 Wire.

46 inches high	\$7.50
52 " "	8.00
58 " "	8.50

#### PITTSBURGH FIELD FENCING

No. 9 Jumbo Style of Wire, 165 ft. Rolls.

34 inches high, 6 Wires, 12" Stay	\$5.50
45 inches high, 8 Wires, 12" Stay	7.50

No. 11 Wire

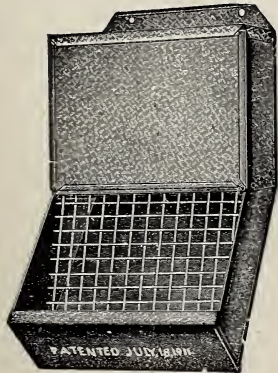
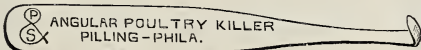
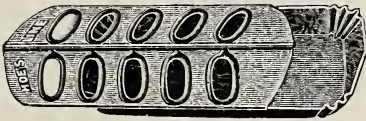
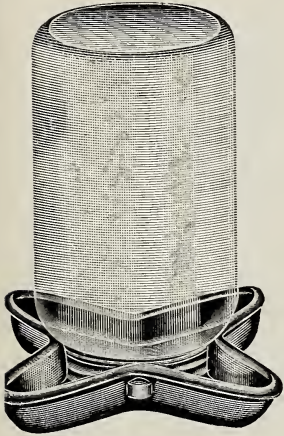
35 inches high, 6 Wires, 12" Stay	\$4.50
45 inches high, 8 Wires, 12" Stay	6.50

Special Prices on 100 Rods or More

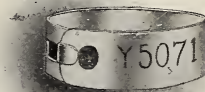
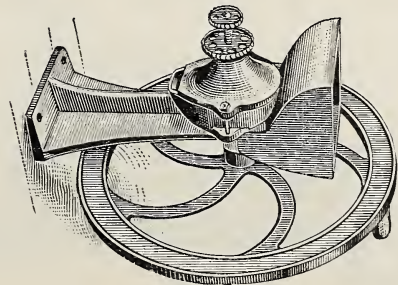
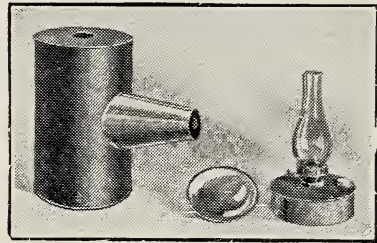


**POULTRY SUNDRIES**  
**Prices Subject to Market Variations**  
**DRINKING FOUNTAINS, FEEDERS AND HOPPERS**

1. Gallon Leader Fountains ..... \$1.00 Each
3. Gallon Leader Fountains, 2 section ..... \$1.70 Each
2. Gallon Twin Duplex Sanitary Fountain ..... \$2.00 Each
5. Gallon Round Table Drinking Fountain ..... \$3.00 Each
- Giant Mash Feeder, holds 100 lbs. .... \$10.00 Each
- Dry Mash Feeders ..... 75c to \$3.00 Each
- Chick Feeders, all sizes ..... 25c to \$3.50 Each
- New Special Open Top Fountains, 3 Gallons ..... \$1.75 Each
- New Special Open Top Fountains, 5 Gallons ..... \$2.25 Each
- 12 Quart Handy Glass Jar Feeder or Watercr ..... 35c Each
- Shell Grit Feeders, 1-2-3 ..... 85c to 1.50 Each
- Moe's Big Boy Feeder, good Feeder for Turkeys ..... 35c Each
- Moe's Eclipse Chick Feeders ..... 20c and 30c Each
- Moe's Round Chick Feeders ..... 15c and 25c Each
- Moe's Mason Jar Fountains ..... 15c Each
- Moe's Horizontal Swinging Fountains, 10 Gallons ..... \$4.00 Each
- Moe's Automatic Poultry Fountains ..... \$.125 Each
- Leg Bands Aluminum colored Numbers, 15 doz. 45c 75c per 100
- Leg Bands, Celluloid, all colors and sizes. 15c doz. 50c to \$0.00
- Leg Bands, Aluminum ..... 50c per 100
- Incubators, Brooder, Thermometers ..... 50c to \$1.50 Each
- Caponizing Sets ..... \$2.75 to \$5.00 Each



- Poultry Killing Knives ..... 60c Each  
 Poultry Markers ..... 25c to 50c Each  
 Gape Worm Extractor ..... 25c  
 Stone Drinking Fountains, especially used for  
 Buttermilk ..... 40c to \$1.25 Each  
 Exhibition Cups ..... 15c Each



# POULTRY FEEDS AND POULTRY REMEDIES

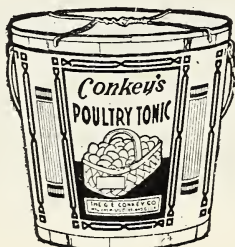
## Don't Break The Conkey Chain



Don't Break the Conkey chains—If you want to have "good luck" with your poultry. Start your little chicks on Conkey's Buttermilk Starting Feed with Y-O; after 6 weeks put them on Conkey's Gecco Growing Mash with Y-O and when they reach the laying age, let Conkey's Gecco Egg Mash fill the egg baskets. Conkey's is higher in feeding value. The results prove it. Be sure to get genuine "Conkeys" in the original packages.

Conkey's Starting Feed.  
Conkey's Growing Mash.  
Conkey's Egg Mash.  
Conkey's Chick Grains.  
Conkey's Growing Grains.  
Conkey's Scratch Grains.  
Conkey's Grit, Fine and Coarse.  
Conkey's Charcoal, Fine and Coarse.  
Oyster Shell, Fine and Coarse.  
Pigeon Health Grit.

**Poultry Feeds at Market Prices.**



Conkey's Poultry Tonic. Good for all your Birds.  
Pks. 25 and 50c. 12 lb. Pails, \$1.60. 25 lbs., \$3.00.



Keep a Conkey Corner in your Poultry House, be prepared

You get profit from your poultry when your birds are in good productive health—when you keep disease out of your flock. We sell CONKEY'S POULTRY REMEDIES because we know they are absolutely reliable and we back every Conkey package with our guarantee, "Your money back if you are not satisfied."

**CONKEY'S OLD RELIABLE POWDER**—This famous treatment known for thirty years as Roup Remedy. 25c, 50c. \$1.00 per pkg., 5lbs., \$5.50.

Conkey's Canker Special, 50c.

Conkey's Cholera Remedy, 25c and 50c.

Conkey's Sorehead Remedy, 25c and 50c.

Conkey's Sulphur Candles, 15c. Ea.

Conkey's Gape Remedy, 25c. and 50c.

Conkey's Limber Neck, 50c.



**CONKEY'S YO**—It's full of Vitamin A, B and D, all needed for quick growth in baby chicks without leg weakness. Have a pkg. on hand at all times. 1 lb., 35c.; 2 lbs., \$1.00; 5 lbs., \$2.00.

**CONKEY'S DIATEX**—Formerly called White Diarrhea. An astringent tablet for drinking water of baby chicks and poultry, 25c., 50c and \$1.00.



**CONKEY'S NOXICIDE**—Disinfectant for poultry yards and farms. Pt., 50c., Qt., 80c., Gal., \$2.00.

**CONKEY'S FLY KNOCKER**—Invaluable for the farmer, Dairyman and owner of live stock. It will keep the flies away. Qt., 60c.; 2 Qtc., 90c.; Gal., \$1.50.

Conkey's Poultry Worm Remedy, 25c. and 50c.

Conkey's Poultry Conditioner, 25c. and 50c.

Conkey's Lice Powder contains Sodium Fluoride, 35c. and 75c.



### MANILLA EGG BOXES

This is an ideal Box for handling retail egg trade, presenting the goods to the customer in an attractive package with the minimum amount of trouble to the seller. 1 doz. size, 15c. per doz.; \$1.15 per 100; \$2.50 for 250; \$4.75 for 500; \$9.00 for 1,000.

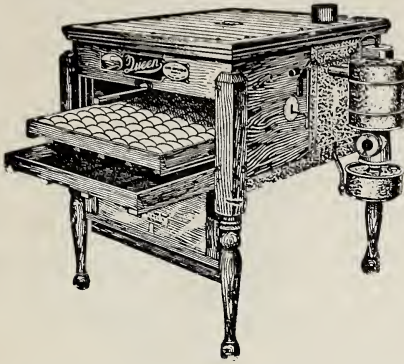
### METAL EGG CRATES

This is the New Model with the metal-edged filler. It solves every problem of shipping eggs and other products by mail. No wrapping is required. A permanent lock-pin that does not loosen holds the lid rigidly close.

For Eggs Only	Not Ppd.	Postpaid
Capacity.....	Each	Each
1½ doz.....	\$1.25	\$1.35
2 doz.....	1.50	1.60
3 doz.....	1.75	1.90
4 doz.....	2.00	2.15
6 doz.....	2.50	2.65

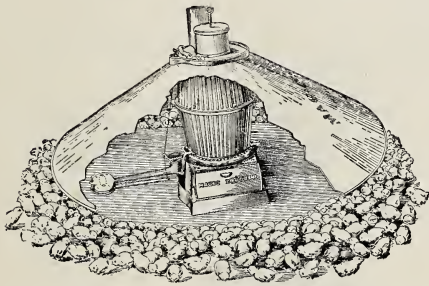


# Reliable Incubators & Brooders



140 Egg Hot Water Incubator.....	\$28.50
140 Egg Hot Air Incubator.....	25.00
240 Egg Hot Air Incubator.....	29.00
450 Egg Hot Air Incubator.....	49.00

Other sizes quoted upon Application

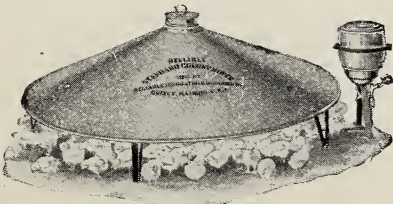


## MAGIC COAL BURNING BROODERS

300 Chicken Size.....	\$20.00
500 Chicken Size.....	25.00
750 Chicken Size.....	30.00

## OAKES NEW IMPROVED ELECTRIC BROODER

G91—32 Inch Hover Heater and Regulator.....	\$28.50
G92—42 inch Hover, Heater and Regulator.....	33.50
G920—52 inch Hover, Heater and Regulator.....	40.00
Oakes Electric Brooder 44" Hover Complete.....	\$20.00

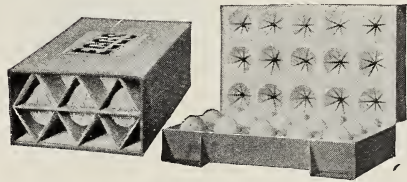


## OIL BURNER BROODER

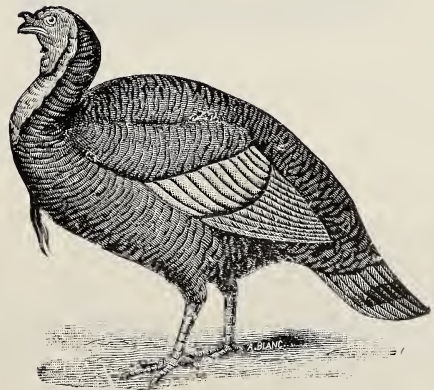
250 Chick Size.....	\$13.00
500 Chick Size.....	15.00



## POULTRY VEGETABLE CUTTER



## Egg Boxes and Poultry Crates in Various Sizes



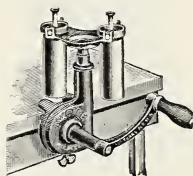
Spratts Turkey Feeds are the best Foods to Grow Turkeys.

Conkeys Starting Food is the best to grow Chicks.

# A Few Dairy Necessities

Subject to Market Fluctuations

**ANTI-COW KICKS.** \$1.50.



**BABCOCK Milk and Cream Testers.** \$8.00 and \$10.00.

**BAG BALM.** 60c Package.

**BLANKETS**—For Calfs and Cattle, \$3.00 to \$5.00.

**BARKERS CATTLE POWDER**—30c package.

**BOTTLES**—Qt., Pt. and ½ Pt. 85c to \$1.10 doz.

**BOTTLE BOXES**—Pt. and Qt., \$2.25 to \$2.50.

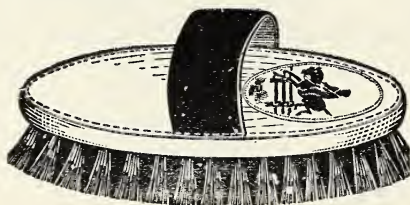
**BOTTLE CAPS**—Printed, Creams, Sweet Milk, Skim and Buttermilk. 80c to \$1.25 per Box of 1000.



**BOTTLE BRUSHES**—Hand and Machine sizes, 50c to \$1.25.

**BOTTLE FILLERS**—\$10.00 and up.

**BOTTLE WASHERS**—\$10.00 and up.



**BRUSHES**—Cattle, Cards, Sponges, Chamois, Curry Combs for Cattle cleaning. 25c to \$2.50.

**BRUSHES**—For Milk Bottles, cans, etc., 25c to \$1.50.

**BULL RINGS**—Copper and Steel, 50c to \$2.50.

**BULL STAFFS**—All Metal, \$4.25.

**BUTER BOXES**—\$2.25 to \$6.00.

**BUTTER MOLDS AND PRESSES**—\$1.00 up to \$10.00.

**BUTTER WORKERS**—\$12.00 to \$20.00.

**CALF MEAL**—Excellent for young stock, 25 lb. Bag, \$1.75.

**COW STOP LEAK TEAT SALVE**—\$1.25 package.

**CHURNS**—Cylinder, Monument and Stone, in various sizes, \$3.00 to \$10.00.

**CREAM CANS**—Heavy weight tin, various sizes, \$1.35 to \$3.50.

**CREAM KETTLES**—2 to 16 quarts. Heavy weight, \$1.00 to \$4.50. Light weights, less.

**CREAM PANS**—Heavy Tin, no seam, 60c to 85c.

**DAIRY THERMOMETERS**—Various kinds, 25c to \$2.50.

**DE HORNERS**—Improved Keystone \$18.00.

**GARGET CURE**—65c. pkt.

**KOW-KURE**—Small can. 65c; Large, \$1.25, 6 for \$6.25.

**LIDS**—For N. Y. and Phila. Shipping cans, 75c. and \$1.00.

**MEASURING STICKS**—For Milk Shipping Cans. Metal, 60c; Wood, \$1.00.

**MILK CANS**—Heavy Shipping, 20-qt. cans, \$3.75; 30-qt., \$4.50; 40-qt., \$5.00; Lighter weight, less money.

**MILK DIPPERS**—Various sizes, seamless, 55c and 75c.

**MILK FEVER**—Out-fit, \$3.00.

**MILK STRAINERS**—\$1.25 to \$2.75.

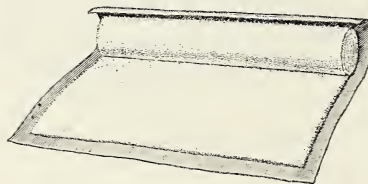
**MILK STRAINER PARTS**—Heavy Tin, \$1.90 to \$2.75.

**OIL**—For Separators, De Laval, ½ Gallon, 65c; Gallon, \$1.25.

**PAILS**—Heavy Block Tin, 10 to 16 lbs., 85c. to \$1.65.

**PAILS**—Heavy Galvanized, 10 to 16 lbs., 60c. to \$1.25.

**PAILS**—Sanitary Improved Milking Pails, several styles, \$2.50 to \$4.50.



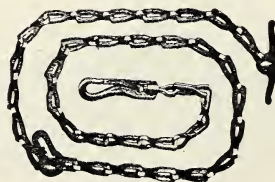
**SANITARY FILTERING MILK CLOTHS**—Johnson & Johnson product. 1 lb. pkt., \$1.65.

**SANITARY PARCHMENT PAPER**—For Shipping can lids, \$4.00 for 1000 sheets.

**SEPARATORS**—De Leval and all others.

**SCALES**—Milk Register Scale, \$7.50. Vegetable Scales, \$3.00 and up. Egg and Platform in all sizes and weights.

**SCRAPERS**—Dairy Barn Floors Jamesway, 2 sizes, \$2.50 and \$2.75.



**TIE OUT CHAINS**—20, 30 and 40 ft., light and heavy, \$1.00 to \$2.50.

**WATER TROUGH**—Cast Iron and Steel, 90c. to \$2.50 per ft.

**WATER BOWLS**—Automatic, \$2.75 to \$3.75.



# Everything in the Dairy Dept.

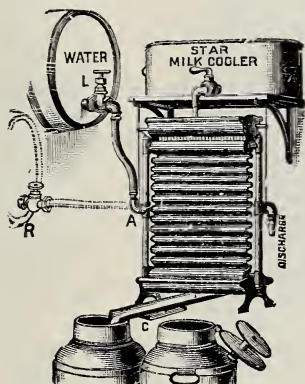
Prices Subject to Market Fluctuation



**DELAVAL SEPARATORS**—The best separator in the market and a money maker for the Dairyman.

No. 7	\$62.50
No. 8	77.50
No. 10	87.50
No. 12	100.00
No. 16	117.50
No. 17	135.00

Ask for Catalogue



## MILK COOLER AND AERATOR

No. 1, Cooling Capacity 45 Gallons per hour	\$31.50
No. 2, Cooling Capacity 55 Gallons per hour	35.00
No. 3, Cooling Capacity 65 Gallons per hour	38.00
No. 4, Cooling Capacity 80 Gallons per hour	43.00

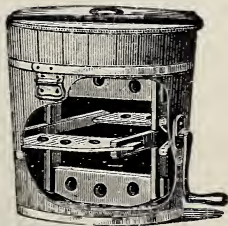
## CHAMPION CONE SHAPE MOLD

Coolers \$8.50 to \$12.00

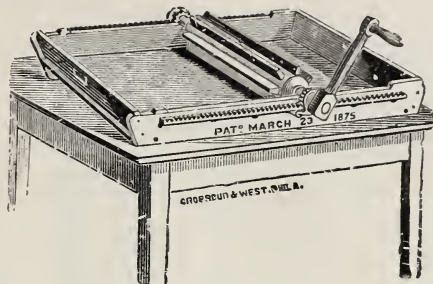


Stewart Ball Bearing  
Clipper \$15.00

Power Attachment if Wanted

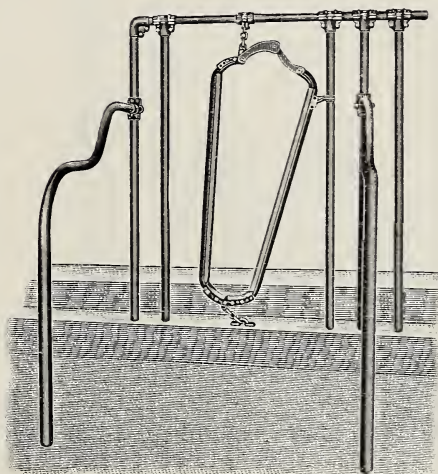


Barrel Churns, 10 to 50 Gallons  
\$6.50 to \$20.00



REID'S BUTTER WORKER

No 3	\$16.00
No 4	12.00



**NYES CATTLE STALLS**—Stanchion and water bowls are the neatest, simplest, most durable, complete stalls made. Prices on application.

**NYES**, Feed Litter, Manure and Hay Carriers, also extra Parts we carry in stock. Prices on application

The Warner Stanchion is the best wood stanchion made and is easier on your cattle than any other. Price: Double bolted, \$2.75.



Sanitary Milking Pails, \$4.50 Cow Weaners, 50c to \$1.25

# Deep and Shallow Well Pumps for Every Purpose

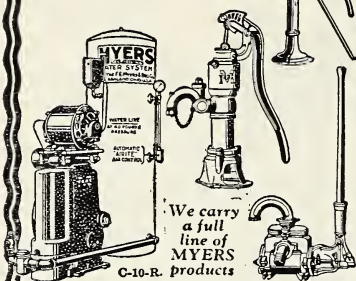
We carry a full line of all kinds of Myers Pumps, and are ready to give you an estimate on anything you want in the Pump Line, either in Material or Installation. Prices upon Application.

## MYERS Pumps For Every Purpose

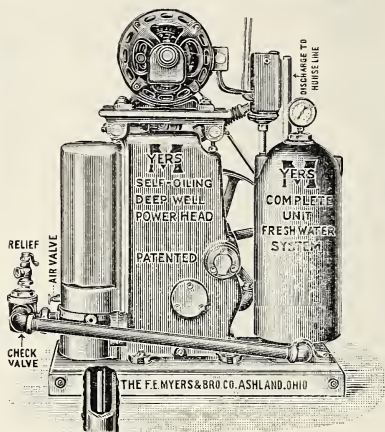
BUILT by an organization with more than fifty years experience in manufacturing pumps and water systems.

For every type of home or farm Myers Hand Pumps deliver dependable service. In the house—in the barn—or wherever they may be used—they assure you an abundance of water—constantly. Made in a complete line with many patented features and in sizes for every need.

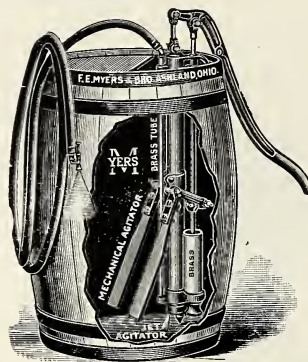
Myers "Honor-Built" Products also include Power Pumps, Water Systems, Spray Pumps and Power Spray Rigs.



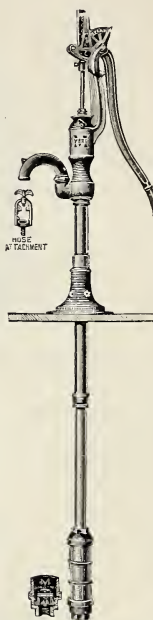
Ribsam's Carry a Full Line



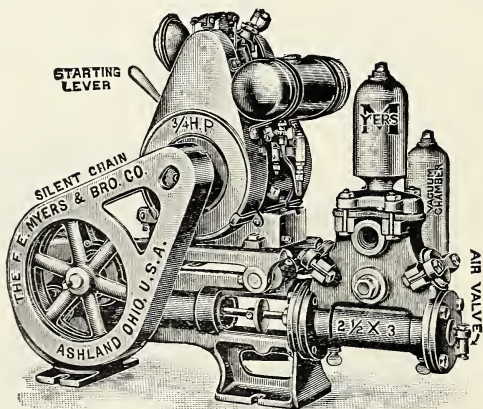
Direct Water System



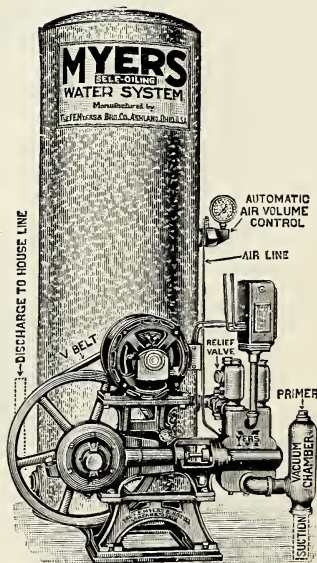
Barrel Spray Complete  
15 ft. Hose, Pipe, Nozzles  
\$28.00



Deep Well Pump  
in Lift and Force



Bulldozer Gas Engine Pump

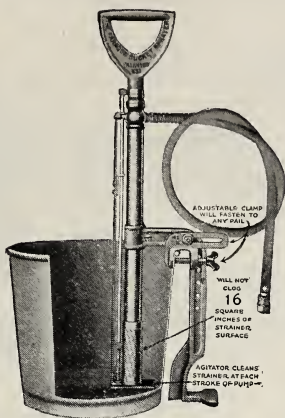


Shallow Well Pump

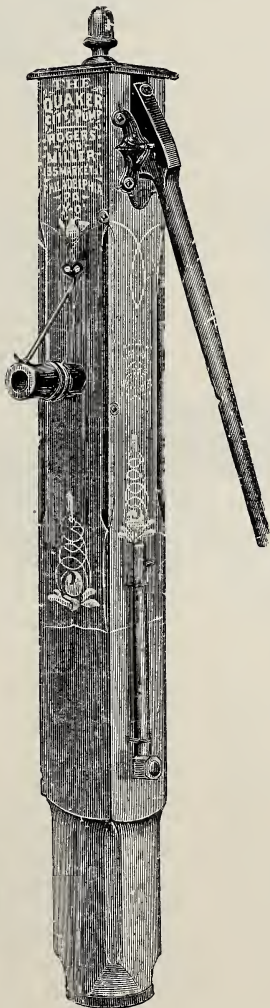


# SPRAY AND OTHER PUMPS FOR EVERY PURPOSE

Prices at Application



Electric Cellar Drainer



## Every Month in the Year You Need a MYERS SPRAY PUMP

SOME crop, or product, or profit is always being threatened by insects, blights, fungi, disease or decay. That's why you must have dependable and adequate spraying equipment for trees, shrubs, vines, plants and vegetables — live stock and poultry. And in between there are countless other spraying jobs like whitewashing and painting or disinfecting grounds and buildings.



MYERS COG GEAR DOUBLE ACTING COMPLETE SPRAY OUTFIT



(170)



MYERS SELF-OILING TRACTION SPRAYER



MYERS "Honor-Bilt" Spray Pumps are famous for their quality, durability and usefulness. Easy to operate; quick and thorough in results. Whether you need the smallest size hand-operated sprayer, or the largest machine-powered field and orchard sprayer, MYERS manufactures the equipment you want.

PNEUMATIC COMPRESSED AIR SPRAYER



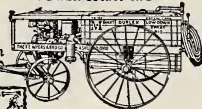
COG GEAR BARREL SPRAY PUMP



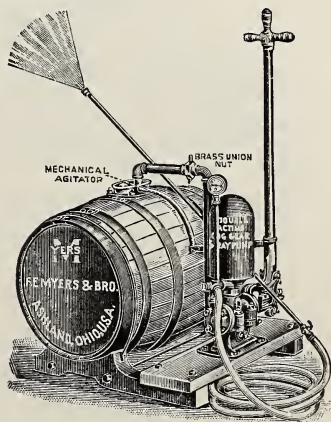
For more than fifty years, MYERS has been world headquarters for Hand and Power Pumps for every purpose, Water Systems, Hay Tools and Door Hangers.

See your dealer or write us direct. Complete catalog on request.

MYERS SELF-OILING POWER SPRAY RIG



Take Off Your Hat to MYERS

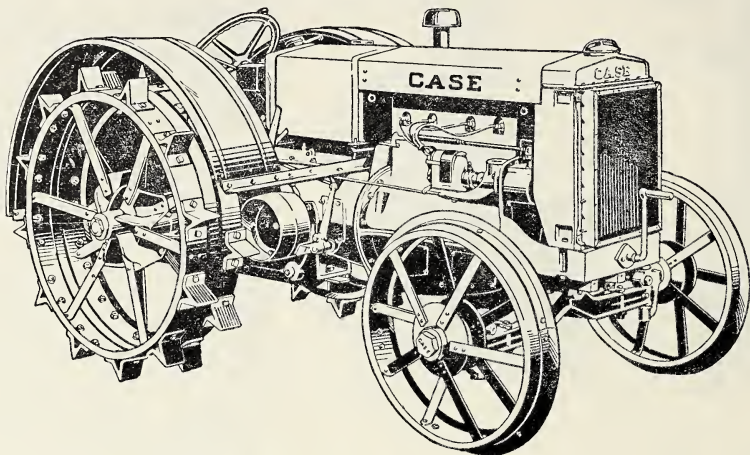


## FARM MACHINERY

We carry a full line of machinery in stock of the most **Practical** and **Durable** makes which We **Guarantee, Service** free without charge for delivery.

We carry a large variety of stock of extra parts for machinery, plows, cultivators, etc.

Prices on Application



### THE NEW CASE GENERAL PURPOSE TRACTOR MODEL "CC"

Again Case has developed a new and better quality machine for profitable farming. This time it is the new general purpose tractor which is known as the Case Model "CC."

Long painstaking study and experiments have gone into its development. As a result, it possesses advantages and features which place it far in advance of present day design of general purpose tractors. It will not only do all kinds of ordinary draw bar, belt and power take-off work, but also it is especially suited to planting and cultivating row crops.

#### Adaptable to Your Needs

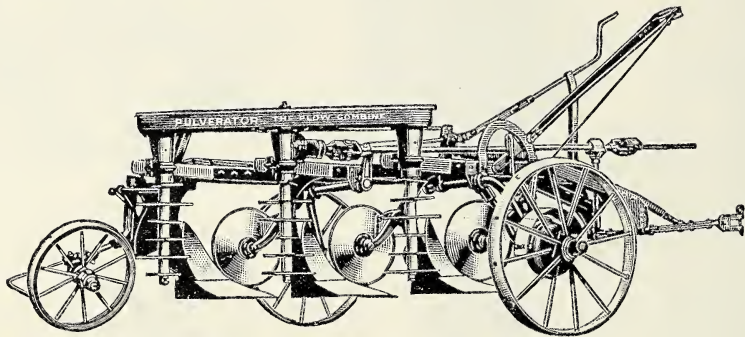
With the new Case Model "CC" tractor you can save time and labor on every kind of power farming work. It will plow, prepare a seed bed, plant, cultivate, harvest and do odd jobs.

Three forward speeds of 2.63, 3.75 and 5.14 miles per hour offer a wide selection for any kind of drawbar work from hard plowing or careful cultivation to light harrowing or speedy hauling.

Power can be delivered in three useful ways—drawbar, belt and power take-off.

#### Two or Four Rows

It is designed for a 2 or 4 row cultivator. Medium sized farms and farms on rolling land can use the 2 row cultivator to best advantage. For larger farms the Model "CC" has abundant power for a 4 row cultivator for use on big level fields.



### YOUR WAY TO BIGGER FARM PROFITS Greater Savings

The PULVERATOR does several necessary tillage jobs at one time. By actual comparisons, pulveration saves from two to six expensive time and labor consuming operations—or from 20% to 60% over other methods of preparing the seedbed.

#### Better Seed Beds

The PULVERATOR **aerates** as it **pulverizes** as it **plows**. Working directly on the soil, it churns in—scientifically aerates—the entire seedbed. Your ground is put in better shape to receive the seed and grow the crop than several workings by ordinary methods would leave it.

PULVERATOR brings an amazingly practical principle of farming that makes possible new advantages—new results in seedbed preparation:

1. Operates on the entire furrow slice. Distributes the trash and surface growths through the soil **and covers**.
2. Mixes fertilizer, cover crops or waste vegetation thoroughly through the soil to promote early availability of this fertility to the crop.
3. Promotes **capillary action** of **subsoil moisture** to the seedbed by preventing the presence of a

layer of trash insulation commonly found under powered furrows.

4. Helps hold the moisture in the seedbed.
5. Scouts even in wet sticky soil.
6. Eliminates air pockets that ordinarily result when one furrow slice is merely rolled against another.
7. Allows root structures to develop unrestricted by breaking up clods and leaving the seedbed uniform **all the way down**.
8. Checks baking and running together of soils, even in fields pulverated while very wet.
9. Makes cultivation notably easier.
10. Helps restore the tilth and productiveness of worn-out land.
11. Prevents packing of seedbed by the tractor.
12. Provides an effective control over weed and insect pests.

#### For All Modern Tractors

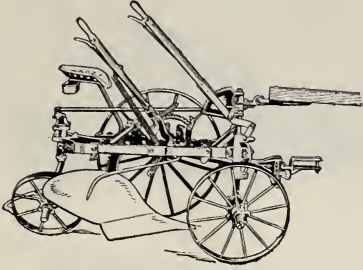
Any modern tractor with standard power take-off, rated to pull a 2 or a 3-bottom plow, will pull a PULVERATOR of equal furrow capacity at similar speed—to make a finished seedbed in one operation.

Earns you money on every job.

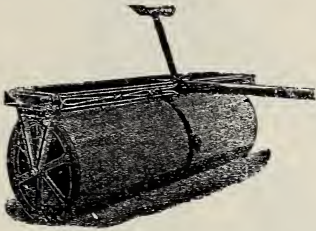


# FARM IMPLEMENTS

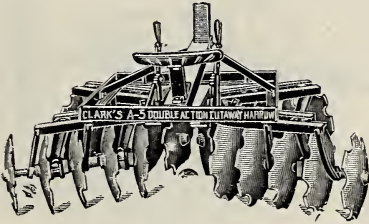
Of The Good Kind in Stock  
Prices on Application



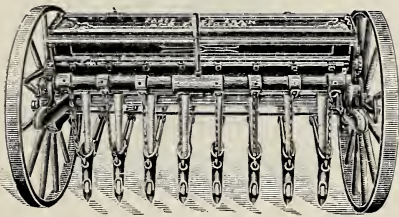
Gang Plow in 1 and 2 Gangs



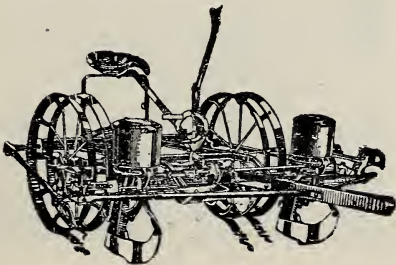
Rollers, Steel, 2 and 3 Section



Harrows in Variety



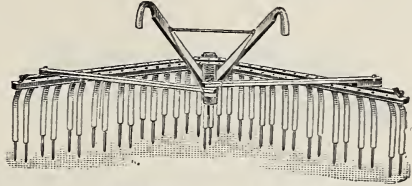
Drill Grain Hoe and Disc



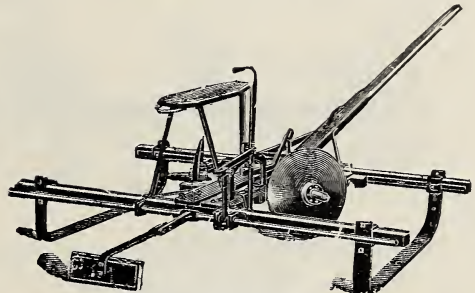
Corn Planter and Fertilizer Attachment



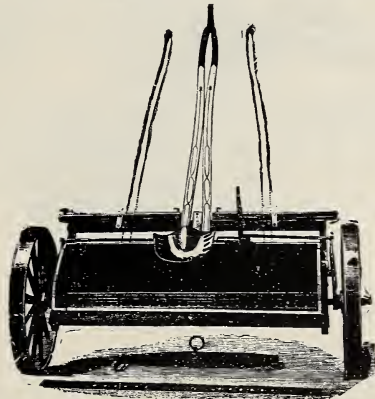
Cultivators of Various Makes



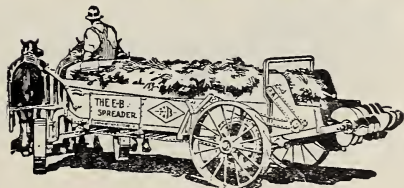
Weeders of Various Makes



Furrowing out Sleds, 2 Different Kinds



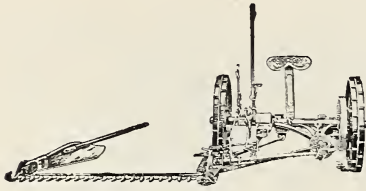
Lime Spreader, 2 Kinds



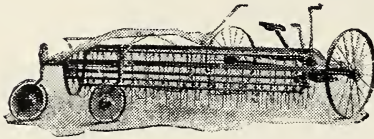
Manure Spreader, a Good One

# FARM IMPLEMENTS

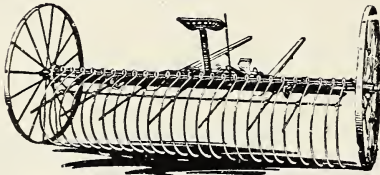
Prices on Application



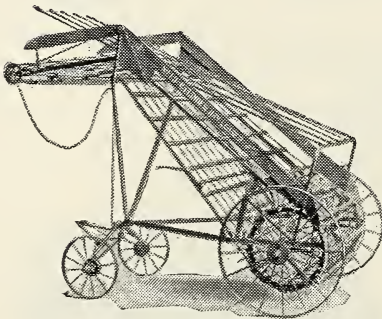
Field Mowers



Side Delivery Rake



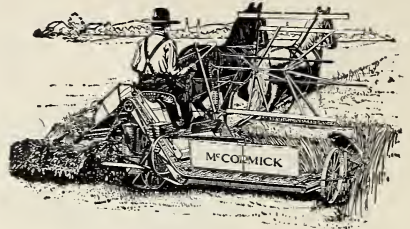
Dump Hay Rake



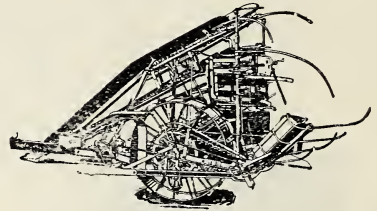
Hay Leaders



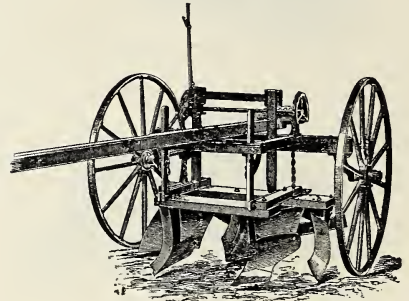
Potato Digger



Grain Binder



Corn Harvesters



Asparagus Ridger

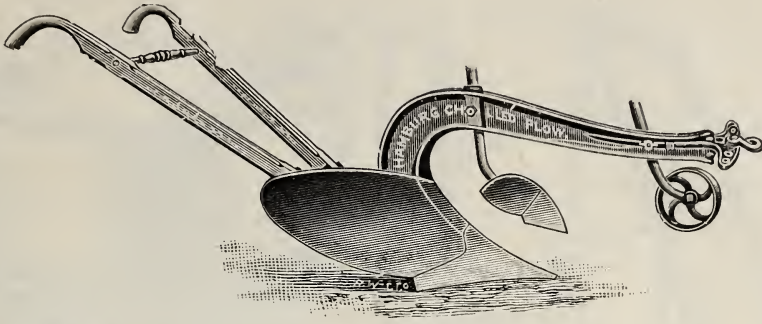


Cross Cut Saws

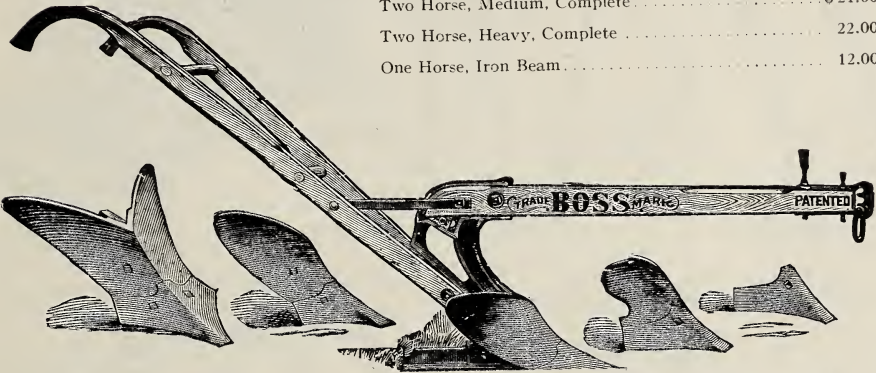


Potato Duster

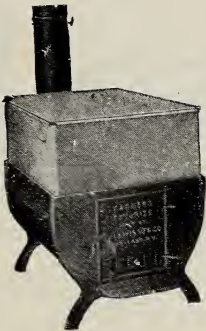




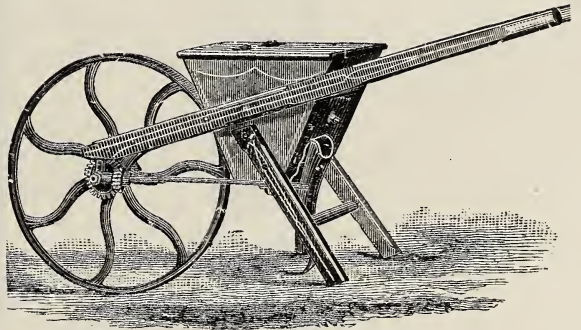
- |                                   |          |
|-----------------------------------|----------|
| Two Horse, Medium, Complete ..... | \$ 21.00 |
| Two Horse, Heavy, Complete .....  | 22.00    |
| One Horse, Iron Beam .....        | 12.00    |



**THE ONE HORSE 'TRUCKERS' PLOW**—\$9.75. Extra Parts, larger or smaller mold boards to make a larger or smaller plot at small extra cost. You have 3 different sizes plows in our



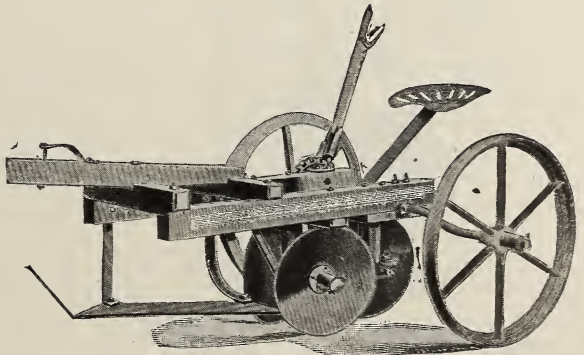
Feed Cookers, \$15.00 to \$21.00



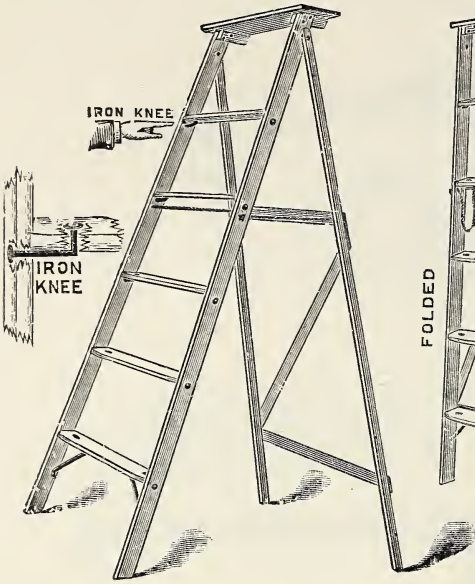
Pea and Fertilizer Drill, \$16.50



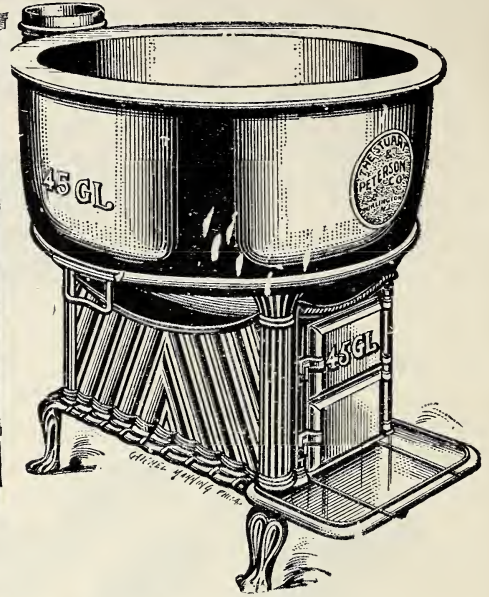
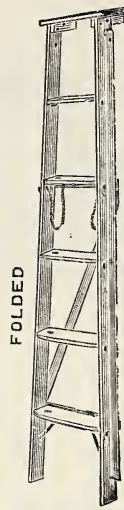
Root Cutter, \$22.00



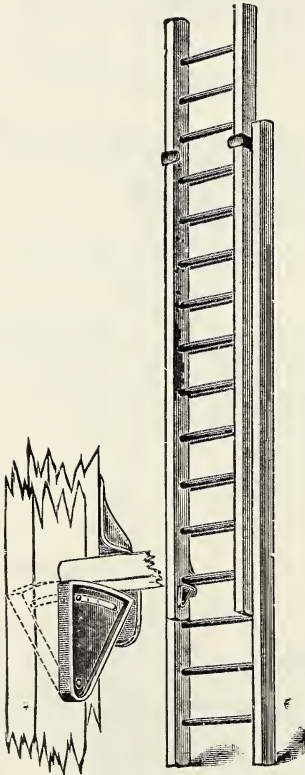
Corn Stub Cutter, \$42.00



Step Ladders, 4 to 16 ft., 60c to 80c per ft.  
Fruit Ladders, 10 to 26 ft., 28c to 38c per ft.



Farmers Boilers, \$22.00 to \$40.00, According to Size



Extension Ladders, 24 to 56 ft., 55c to 70c per ft.  
Single Ladders, 10 to 26 ft., 30c to 40c per ft.  
Window Cleaner Sectional Ladder, \$2.50 to \$2.75 Each  
Adjustable Builders Jacks, \$5.50 to \$15.00 per Pair  
Extension Ladder Tressels, \$10.00 to \$18.50 Each

**A Home Guard**

**RUBEROID**  
TRADE MARK REG. U.S. PAT. OFF  
**ROOFING**

Guards against rust and decay.  
Contains no tar or paper. Outlasts metal and shingles.

**WATER & WEATHER-PROOF  
FIRE-RESISTING**

RUBEROID is the pioneer ready to lay roofing. Any handy man can apply it. See that you get the genuine.  
*Write for prices and samples.*

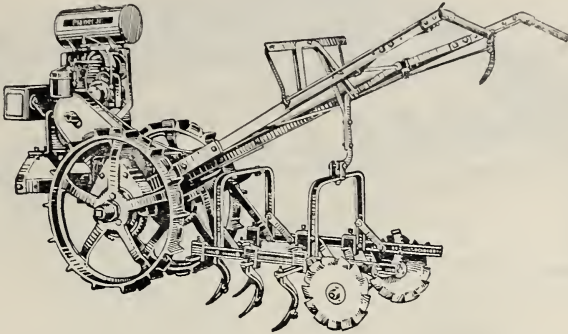
RUBEROID—Medium Weight	.....	\$2.50 Roll
RUBEROID—Heavy Weight	.....	\$3.00 Roll
RUBEROID—Extra Heavy	.....	\$3.50 Roll
ZYLEX—Light Weight	.....	\$1.75 Roll
ZYLEX—Medium Weight	.....	\$2.25 Roll
ZYLEX—Heavy Weight	.....	\$2.75 Roll
STAREX—Light Weight	.....	\$1.50 Roll
STAREX—Medium Weight	.....	\$2.00 Roll
STAREX—Heavy Weight	.....	\$2.50 Roll
TAR PAPER—1 Ply, 500 Sq. ft.	.....	\$1.50 Roll
HEAVY MINEULIZED ROOFING—In Red and Green Color	.....	\$2.75 Roll

Roofing Rolls Contain 100 Square Feet

Prices Subject to Fluctuation



## *Planet Jr. Motor Cultivator*



Built for wider range of work; More work with less effort. Faster, closer cultivation, easier control Greater Economy.

The Planet Jr. Motor Cultivator, set up to do a complete cultivating job, note the Hoes to cut off the weeds followed by cultivator teeth to break up the lumps and loosen the soil.

The Planet Jr. Motor Cultivator is made to give as nearly as possible 100% satisfaction under all condition. The sturdy Toro Motor is rated at  $1\frac{3}{4}$  H.P. at only 1600 R.P.M., having 20% reserve so that 2 H.P. is actually developed. The machine is constructed on the Planet Jr. line of its reputation of High Class Material, strong and practically balanced for the operator.

Machines in Stock. Prices on Application.

### DELLINGER HAMMER TYPE MILL

Dellinger hammer type mill with roll feed and governor grinds all grain and roughage raised on farm in any degree of fineness.

Swinging hammers of special design grind a better grade of feed with less power.

Steel frame, electric welded.

Wide variation of speed ranging from 2,000 to 2,400 R.P.M.

Can be run successfully with any farm tractor or 10 H.P. electric motor.

Governor controlled feed rolls.

Feed rolls have 10 speed changes.

Malleable and machine cut steel gears operate feed rolls.

Rockwood pulleys on main shaft and fan shaft.

S.K.F. ball bearing on main shaft, and ball bearings on fan shaft. Both in dust roof cases with Alemite greasing system.

Large suction blower.

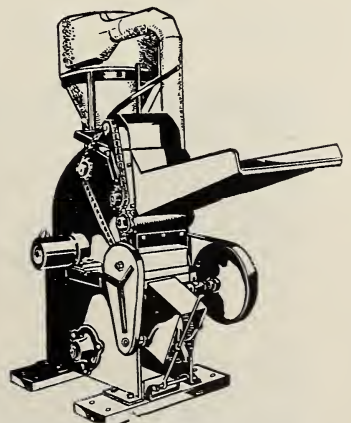
### PRINCIPLE OF THE DELLINGER HAMMER TYPE MILL

The principle of grinding feed with Dellinger Hammer Type Mill is that the hammers strike the material in mid air. No metal touches metal. All friction is eliminated. The battery of hammers revolving at high speed keeps the material in suspension.

The quality of the feed ground depends on the size of the screen used. Screens can be furnished in any sizes from 1-16" to 1". Any two screens 3-16" or larger furnishes as regular equipment. The screens are easily changed by lifting the hood taking out one screen, and inserting another, which is a very simple operation.

A Dellinger Hammer Type Mill will grind from 600 to 1,500 pounds of oats per hour; cob corn from 1,000 to 2,000 pounds per hour; alfalfa or hay from 1,000 to 2,000 pounds per hour depending on the screen used, speed of mill, and power used to operate it.

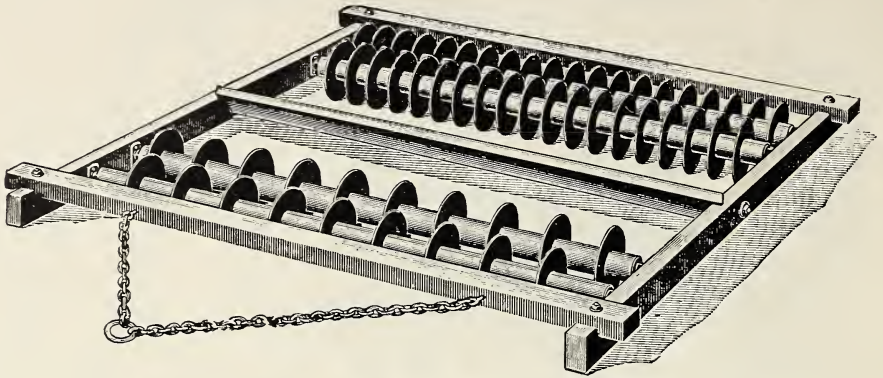
Any farm tractor or 10 H.P. electric motor will operate Dellinger Hammer Type Mill, but like all other feed grinders, the more power available, the larger the quantity of feed you can grind.



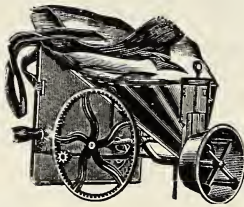
Our guarantee on Peerless Hammer Type Mill is to do the work in satisfactory manner to purchaser

In Stock. Prices on Application.

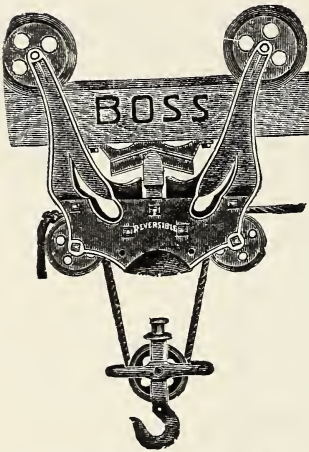
## We are Headquarters for Variety of Practical Farm Machinery



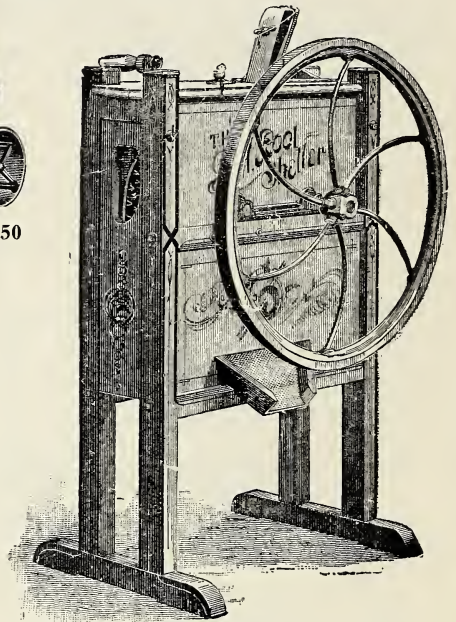
Meeker Vegetable Growers' Harrow, \$35.00



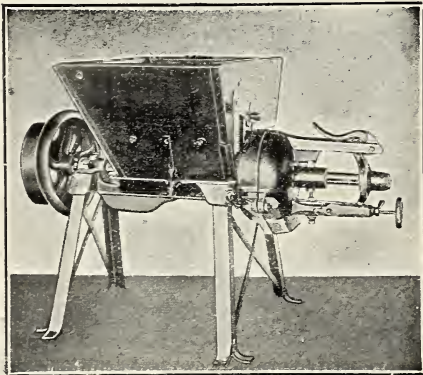
Cahoon Seeder, \$6.50



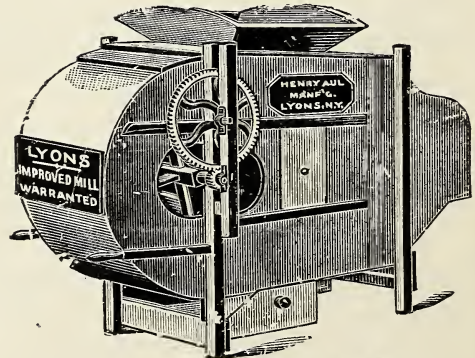
Hay Carriers for Steel and Wood Track, \$10.50 to \$14.50



Corn Sheller \$14.00 one Hole;  
\$30.00 for 2 Hole.



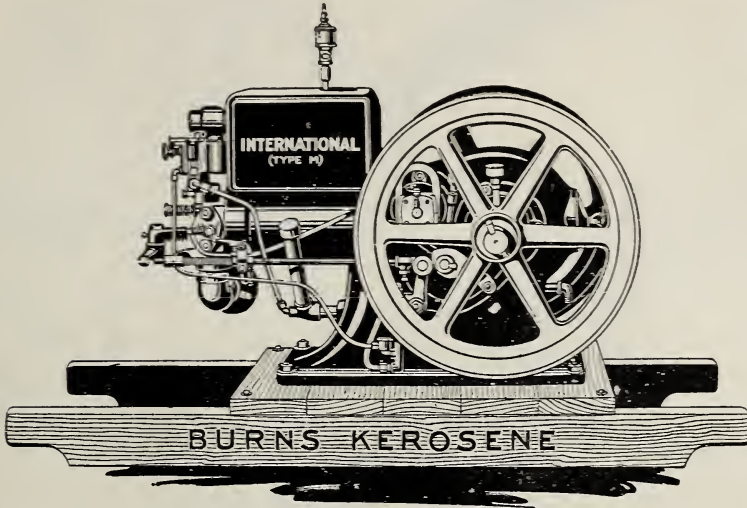
Feed Mill Grinders, \$27.00 to \$85.00.



Grain Fan Mill, \$45.00



## *Gas and Kerosene Engines*



International Type M 1½, 3-5 H.P.

These engines are made of the finest materials and are not unsurpassed by any of the high grade engines.

We carry a line in stock. Prices on Application.

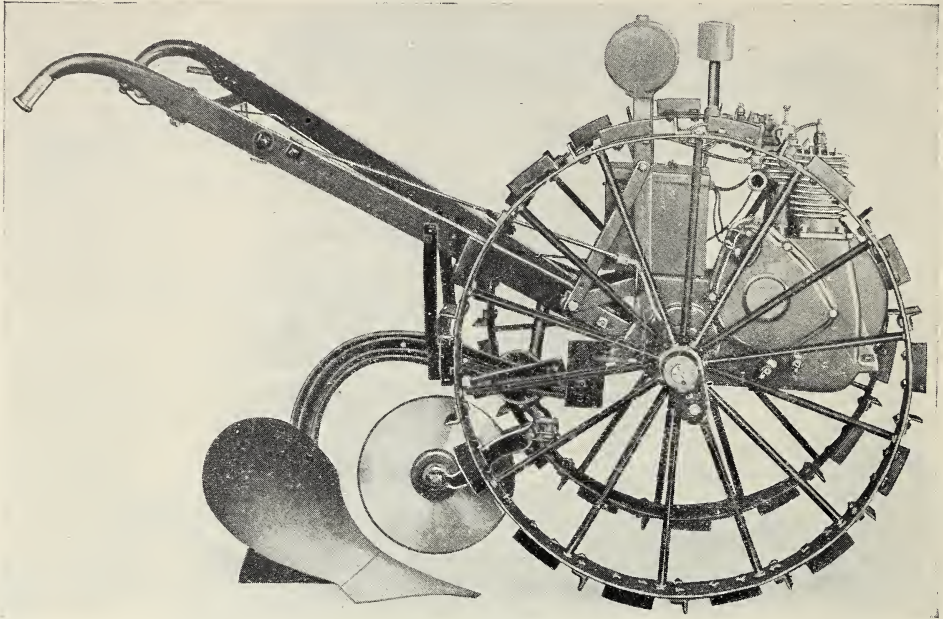
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## *Electric Motors*



We carry a practical line and sizes of the small motors in stock from ¼ H.P. to 10 H.P., also Portable farm motors, which are a great labor saving machines. Portables for grinding feed, hoisting hay, etc. Prices on Application.

## STANDARD GARDEN POWER TRACTOR



### THE BEST THROUGHOUT

Note the sturdy compact construction of the STANDARD TRACTOR as shown above. The STANDARD is built for years of hard service. The engine and transmission are mounted on the axle between the two drive wheels and the cultivating tools are carried on a draw bar directly behind the wheels and fastened to the tractor frame. Steering is by two handles which also fasten to the tractor proper at the axle and the operator's control is by clutch lever on the right handle and throttle control on the left.

Big wheels (32" diameter) give a good clearance (16") for the plants—and they make for easy operation as well as high draw bar pull. All weight in the STANDARD TRACTOR is so located that it is practically all effective for traction. The engine is forward of the tractor axle and the entire equipment is perfectly balanced.

By the STANDARD Enclosed Unit Construction, all of the working parts—engine, transmission, clutch, final drive—are built together in one compact, oil tight, dirt proof unit. There are no exposed cast iron gears, or chains, or sprockets, or squeaky jack shafts on the STANDARD. Other features of the STANDARD TRACTOR include 3½ H.P. Four Cycle Motor—Instantly Operated Clutch—Enclosed Cut Gears—Automatic Oiling—Dirt Proof, Ventilated Crank Case—Ratchet Differential—Throttle Speed Control—Automatic Spark Control—Big Wheels—High Clearance—Adjustable Tread—Tool Control Handle—Dual Tool Lifter Lever—Adjustable Horse Type Tools—Good Traction—Easy Steering and a Surplus of Power.

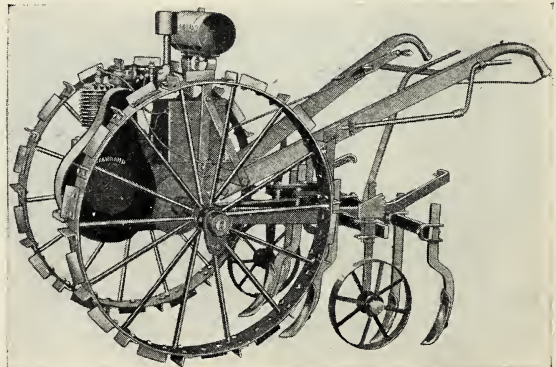
The STANDARD TRACTOR is the closest working and easiest operated machine made. It is built to stand up at real work in the dirt and grime.

With the STANDARD TRACTOR, the closest sort of cultivating can be done, and at the same time you have the power and stamina for heavy work when the occasion requires. STANDARD TRACTORS are built to stand up at hard, continuous service as well as to give constant, longlasting satisfaction.

This handle works direct on to the double draw bar and is so located that the operator may walk either astride the row or beside the row, as best suits his personal convenience.

For general field work a Garden Tractor without an adjustable wheel tread is at a serious disadvantage. Different crops necessarily are planted in rows of different widths and the Tractor to be practical should be able to meet these varying requirements.

Prices on Application. Have them in stock.





# HAVE YOU A SINGING BIRD IN YOUR HOME?

Our Bird and Pet Department is continually increasing. Sometimes there are hundreds of birds ready for delivery. And these come from all parts of the world.

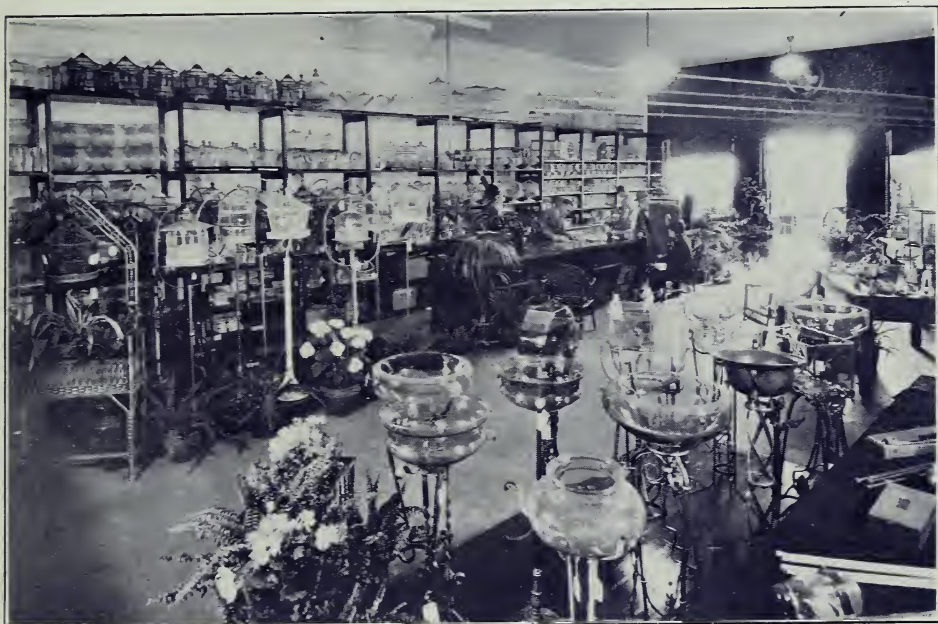
Your favorite sort is always likely to be here, and what can add so much brightness, life or gaiety to a room as a bright-plumaged songster? The children, as well as adults, like them.

They Greet You Every Morning.

## SOMETHING AS TO VARIETY

Canaries always—from the famous Hertz Mountains, Germany and from England. Choppers and Warblers also. Females especially selected for breeding purposes.

Thrushes are among the most glorious singers. Java Sparrows. South African Love Birds. Doves. Parokets. Talking Parrots from South America. Russian Bullfinches. Other varieties of Finches.



## OUR ASSORTMENT OF BIRD CAGES IS LARGER

We show new shapes, too, which are proving exceptionally popular. New colorings are introduced in them, which harmonize with your room's color scheme.

We have hundreds to choose from in scores of designs and colors. Stands are in equally large assortment.

## THE STOCK OF GOLD FISH ENLARGED

All sizes and sorts in these lively little pets, too. Telescopes and Fantails, and other sorts that never grow out of date, it seems.

As to Aquariums, there's improvement here, as well. New shapes—ovals, among them—and the round ones, squares and oblongs, as usual.

In Aquarium accessories there's added interest and variety. More sorts than we used to carry, all adding interest to the aquariums in which they're placed.

Come in any time to watch the little fish, or do your selecting at your leisure.

# Martin C. Ribsam & Sons Co.

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Trenton, N. J.

# The Ribsam Floral Department Grows More Popular Every Day

Through our large automatic cold-air compartments and tremendously increased space, we offer a correspondingly increased service in cut flowers for every possible occasion. The whole country contributes to our stocks, and at all times we have for instant delivery the most exquisite blooms which the leading horticulturists can produce.

## OUR ARTISTS EXECUTE ORDERS FOR DESIGNS FOR ALL SOCIAL AFFAIRS

The large force is ready for rush orders, and to produce novel as well as all standard effects which may be desired.

## YOU CAN "SAY IT WITH FLOWERS" IN A FEW HOURS IN ANY PART OF THE WORLD

Through our Florist Telephone and Telegraph Association we are in touch with over 4500 members, ready instantly to receive orders by mail, telephone, telegraph or cable, so that your friends, anywhere, at home, at winter or summer resorts, abroad or boarding steamers or trains for travel, can be reached in the shortest possible space of time, with an expression of your friendly sentiments.



## THIS SERVICE GROWS

Its benefits pleasingly surprise those who use it for the first time, and the custom of sending flowers by telegraph is becoming increasingly popular.

Distance is annihilated. You can be in as intimate touch with friends as by letter, but a hundred times quicker. Phone an order to us, and in two hours, as a rule, your friends can have your remembrances delivered at their homes.

Wonderful? Yes, and most delightful in its results. Try it today.

Large stock of seasonable blooming plants, ferns, etc., in quantity. Bric-a-brac, jardinières, baskets etc., in large assortment.

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